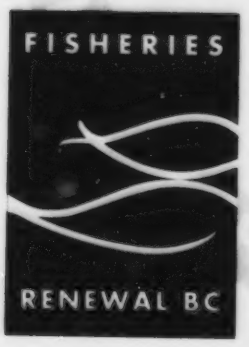
ANNUAL REPORT

1999/2000



DOC
BC
F536
B
1999/00
c.3

LEGISLATIVE LIBRARY
VICTORIA B.C.

BC
T536
B
1999/00
c 3

LEGISLATIVE LIBRARY OF BRITISH COLUMBIA
3 3298 00231 7742

100-07111/

ANNUAL REPORT

1999/2000

June 2000 • New Westminster

Fisheries Renewal BC is a Crown corporation of the Province of British Columbia

Canadian Cataloguing in Publication Data
Fisheries Renewal BC.
Annual Report. -- 1997/1998 -

Annual.
ISSN 1481-1383 = Annual Report - Fisheries Renewal BC

1. Fisheries Renewal BC - Periodicals
2. Fishery policy - British Columbia - Periodicals
3. Fishery management - British Columbia - Periodicals. I. Title

SH224.B7F572 354.5'7'0971105 C98-960198-6

CONTENTS

Overview 4

Message from the Chair 7

Board and Staff 8

Message from the CEO 9

Salmonid Renewal Program 10

Development & Diversification Program 18

Original Renewal Program Ideas 22

Planning & Partnership Program 24

Appendices 27

- Salmonid Renewal Program / 27
- Development & Diversification Program / 52
- Original Renewal Program Ideas / 54
- Planning & Partnership Program / 55
- Report of the Auditor General of British Columbia / 57
- For More Information / 66

Overview

The period covered by this Annual Report encompassed two fisheries disasters – collapses of the historic Rivers Inlet and Fraser River sockeye runs.

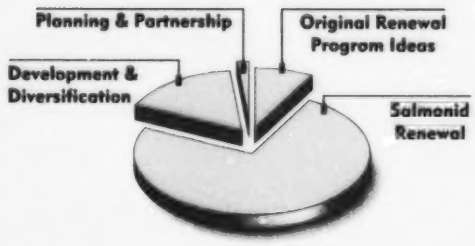
As the heart feels for the devastation to communities, the mind reels with questions. Are these one-time events? Or a harbinger? Are we seeing tragic, but still comprehensible, local variation in the cycle? Or is the problem global?

We leave the answers to others, and we expect they will be some time in coming. As we report on only our second year as an investment agency, we too must take a long view in fulfilling the mandate that the Government of B.C. established for Fisheries Renewal BC in 1997. That goal is to revitalize the fish resource, and the communities who depend on it, by making strategic investments in:

- **More Fish** – primarily through enhancing stocks by restoring their habitat
- **New Fisheries** – targeting species we've overlooked in the past and developing new shellfish aquaculture and freshwater recreational opportunities
- **Higher Value / More Work** – finding ways to add value to the results of the other two investments with new products that create market and employment opportunities

This report details these investments, by measuring our performance. For example, our Salmonid Renewal Program measures our activities in four accounts: Environmental, Financial, Economic Development and Equity. But because we are a new human agency working in nature's long-term cycle, those account totals, which we view as an impressive start, have had insufficient time to produce the outcomes we desire.

We *can* say that we have worked with communities on 453 projects to create the conditions for healthy fisheries. We know that the projects were well managed and technically effective. We can say that because we commissioned PricewaterhouseCoopers to audit half of the community partners who delivered projects the previous year.



We audited them because Fisheries Renewal BC supports non-government organizations to deliver projects with government money. While many pay lip service, we needed to show that community empowerment is more than just a *new* way to go. We have proved that giving those with the greatest stake in the problem the greatest say in its solution – and holding them accountable – is the *only* way to go.

So, we've made real – measurable – progress in our work to renew the fishery. And, as you can see in this report, we have created some jobs to do that work. But these jobs, vital as they are in re-building the fishery, aren't the jobs we've set out to create. For those, we need to look ahead to true outcomes.

The employment we want is the long-term jobs that come with a healthy fishery. We mean jobs in the seafood industry that will come with healthy salmon runs, fishing for new fish species and shellfish development. We mean jobs in the recreational fishery arising from predictable, sustainable runs that bring enjoyment to residents and dollars from tourism.

Fisheries Renewal BC is laying the groundwork for those jobs by making strategic investments whose dividends will take time to mature as we increase the ability of our waterways to sustain fish and as we strengthen industry capacity to process and market our harvest in a competitive global economy.

While we study the Fraser River and Rivers Inlet failures, whose origins may be far from our shores, we still have to acknowledge that some problems affecting the fishery are close to home. Past logging practices, agriculture, hydro and urban development – these impacts have accumulated over many years.

Long-term problems require long-term solutions. As Fisheries Renewal BC enters its third year of investing, it is pursuing, with government, a long-term funding strategy that is up to the long-term job of revitalizing our fishery.

Fisheries Renewal Fact Box

	1998 1999:	1999/2000:
Total direct investment ($million)	9.3	**13.9**
Job creation contributions (estimated)	1,631	**2,879**
Salmonid Renewal Program projects	232	**453**
Development and Diversification Program projects	30	**48**
Original Renewal Program Ideas projects	15	**13**
Planning and Partnership Program projects	37	**26**
Juvenile Salmonids released (million)	9.8	**28.5**
Stream habitat restored (kilometres)	53	**224**
Stream stock and habitat assessed (kilometres)	1,027	**2,917**
Training opportunities in Salmonid Renewal	207	**792**
Volunteers in Salmonid Renewal	492	**1,898**
Number of Salmonid Renewal workers from First Nations	333	**572**

Oyster harvesting, Read Island

Joy Thorkelson

Chair of the Board

Fisheries Renewal BC

Strength in Numbers

On behalf of the board of Fisheries Renewal BC, I am pleased to present our third annual report.

In the past, people who wanted to take action on fisheries issues in their communities felt frustrated by the bewildering array of interest groups, governments, programs, and different points of view. There was a lot going on, but it was hard to sort out how it all fit together. Funding priorities seemed to come from outside the community.

Fisheries Renewal BC acts as a community catalyst by providing a program delivery system that brings it all together. It brings together regional partners, often from widely different backgrounds. It provides a partnership structure that can leverage investments from other sources. And it facilitates links with provincial and federal government agencies that act as technical advisors and environmental consultants.

Through this linking process, Fisheries Renewal BC is able to bring together groups and ideas and expertise allowing the corporation to make strategic investments precisely where they are most needed.

The goal of this synergistic approach is more fish, more economic development, more jobs and revitalized communities.

The benefits to communities can come in many forms. There is the direct benefit of jobs for unemployed fishermen and processing workers. There are exciting training opportunities for young First Nations people. There are jobs in plants producing value-added seafood products and jobs in the rapidly expanding shellfish aquaculture industry.

The board of Fisheries Renewal BC is itself an example of how we make important links with fishing communities. The board is in touch with priorities and needs across the province because its members mirror the diversity of interests and backgrounds of the communities it serves. The board includes representation from First Nations, commercial fishermen, unions, recreational angling, environmentalists, local governments and inland and coastal communities.

I would like to take this opportunity to welcome new board members Paul Loeppky of 100 Mile House and Zo Ann Morten of North Vancouver. Paul is a founding member of the Bridge Creek watershed committee and an active angler. Zo Ann is director of the Pacific Streamkeepers Federation.

Now that we have successfully completed Fisheries Renewal BC's first three years, the board will be consulting on a new strategic direction. Board members want to talk with British Columbians about how to establish and manage a long-term revenue stream for the corporation that mirrors our long-term commitment to renewal.

The provincial government recently announced $22.5 million of funding for the corporation over the next three years. While the commitment is appreciated, I am confident that additional sources of long-term revenue will be found so we can not only maintain our investments at the present level, we can also expand programs into new areas – the crisis is that deep and the need that great.

Fisheries Renewal BC is more than a funding source. It also brings groups together to renew the fisheries and fishing communities of B.C. Results so far have been excellent and the information presented in this annual report is proof that our approach is working.

Members of the Board of Directors, Fisheries Renewal BC 1999/2000

Joy Thorkelson	Prince Rupert	Northern Representative, United Fishermen and Allied Workers' Union/Canadian Auto Workers; T. Buck Suzuki Environmental Society
Jack Nichol	Vancouver	Past President, UFAWU/CAW; Alternate Commissioner, Pacific Salmon Commission 1985-1994
Dawn Machin	Westbank	Biologist, Okanagan Nation Fisheries Commission
Tom Davis	Victoria	Sport tackle manufacturer, Rhys Davis Ltd.
Russ Hellberg	Port Hardy	Mayor, Port Hardy; Board Member, Forest Alliance; Past Chair, Coastal Communities Network
John Holdstock	Kelowna	Past President, BC Wildlife Federation
Lynn Hunter	Victoria	Environmental consultant; former Member of Parliament; Fisheries and agriculture specialist, David Suzuki Foundation
Cathy Burkosky	Port Alberni	Community Economic Adjustment Initiative Committee member; former fisher and West Coast troll fleet manager (Alberni/Clayoquot)
Roxanna Laviolette	Richmond	Member, Gitxsan Nation; Aboriginal Fisheries Officer
Billy Griffith	Egmont	Longtime seine fisherman; volunteer in salmonid enhancement
Paul Loeppky	100 Mile House	Founding member, Lower Bridge Creek Watershed Stewardship Society; angler

Fisheries Renewal BC staff and board members (From left to right):
Front Row: Juliet Corney, Anna Mathewson, Sharon Hong, Christine Meier, Joy Thorkelson, Phil Young, Russ Hellberg, Ingrid Kraus, Taya Berkhout
Back Row: Paul Kariya, Billy Griffith, Jack Nichol, Paul Loeppky, Krista Salman, Tom Davis, Sheila Keenan, Lynn Hunter, Roxanna Laviolette, Angus Mackay, Scott Macrae, Ron Faust
Missing: Cathy Burkosky, John Holdstock, Dawn Machin, Patty Thomas

Paul Kariya

CEO

Fisheries Renewal BC

Forging Links

School children learn about salmon at the Vancouver Aquarium. A helicopter tracks chinook and coho along the North and South Thompson rivers in B.C.'s Interior. A Nanaimo cannery develops new products for export to Asia.

Disparate, unconnected events? Not at all.

Fisheries Renewal BC is the link.

We funded Salmon Stories at the Vancouver Aquarium so people could learn about the value of salmon to B.C. Without education, people wouldn't understand the spiritual, economic and environmental value of salmon to B.C. and they wouldn't care about keeping salmon stocks healthy.

With education, people start to understand why it's so important for organizations like the Shuswap Nation Fisheries Commission in Kamloops to have accurate information on the health of fish stocks. Through our Salmonid Renewal Program, Fisheries Renewal BC funded the commission's project to track spawning salmon from the air. Without accurate fish stock numbers, no one would be allowed to catch any.

If people couldn't catch fish, Gerard St. Jean of St. Jean's Cannery and Smokehouse in Nanaimo wouldn't have any fish to can and sell abroard. Fisheries Renewal BC funded St. Jean's Cannery and Smokehouse to help the company develop and market six new seafood products including salmon and tuna canned with vegetables.

So, we're doing a lot of activities. And you can read about what we've done, where we've done it and how we do it in this annual report. The bigger question is why.

For the past two years, this small but dynamic Crown corporation has been investing in so many activities that it might be hard to figure out exactly who we are. Are we an educational organization? An environmental organization? An economic development organization?

Really, our name says it all – we're after nothing less than the renewal of fisheries in B.C.

Our largest program, the Salmonid Renewal Program, which funds habitat restoration and stock enhancement projects, is run by regional, community-based Partnership Groups.

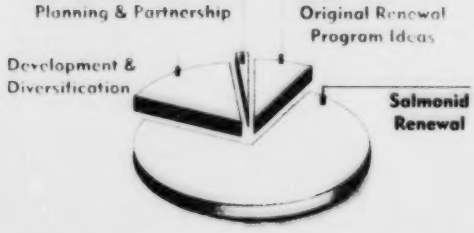
That's been one of our biggest successes over the past two years. The majority of Partnership Groups involve people and organizations who may not always appear to have a lot in common and may even seem to be opposed to one another, at least on the surface. There are First Nations, forest companies, environmentalists, government biologists and municipal officials all sitting together in the same room deciding what is the best way to renew the fishery in their area.

They may all have different viewpoints, but they are all working together for a common goal – a healthy fishery.

It's not easy for people to make the link between counting fish from helicopters and selling canned fish to Asia. And, with the wide range of interests in the fishery, it's not easy getting people together to discuss how to achieve a healthy fishery.

That's why Fisheries Renewal BC is here – to make the link. The ultimate goal is for both the fish and the people who depend on them to flourish.

The Salmonid Renewal Program uses regional watershed-based Partnership Groups to choose and deliver projects in their areas. The projects are designed to increase the number of salmonids – salmon and trout – and other at-risk freshwater species available to First Nations, commercial and recreational fisheries. The Partnership Groups have broad local representation from First Nations, commercial and recreational fishermen, municipalities, the environmental community, government, and other interests.



Overview

Projects funded under the Salmonid Renewal Program include:
- inventory and mapping
- habitat restoration
- stock/habitat assesment
- stewardship and community planning
- stock enhancement
- education and public awareness

The program is delivered through Partnership Groups – community or regional coalitions with broad local representation from First Nations, commercial fishermen, recreational anglers, municipalities, environmental groups, local government, and others. Partnership Groups are responsible for ensuring the program has the support and involvement of the local community.

Fisheries Renewal BC's Planning and Partnership Program provided start-up funding to establish Partnership Groups, and has helped them develop a long-term vision, create effective leadership, and use inclusive planning processes.

Partnership Groups work with Fisheries Renewal BC staff to solicit, evaluate and select project proposals. Groups are then responsible for funding, monitoring and auditing projects; reporting on the results of projects; and managing a variety of administrative tasks.

Partnership Groups call on the professional assistance of staff from various government agencies such as the regional offices of the provincial Ministry of Environment, Lands and Parks, and Fisheries and Oceans Canada. These professionals help with the review of project proposals, implementation of projects, and assessment and evaluation of completed projects.

Projects funded through the Salmonid Renewal Program contribute to the More Fish investment goal of Fisheries Renewal BC. Because project proponenets try to hire local unemployed aboriginal and commercial fisheries workers, the projects also contribute to the More Work investment goal.

Investments

In 1999/2000, 21 Partnership Groups received $10.25 million in funding from the Salmonid Renewal Program. Geographically, these groups cover all southern and central British Columbia and parts of northern B.C.

A total of 453 projects were undertaken in communities across British Columbia. An estimated 2,132 jobs were created, with 572

going to First Nation workers and 558 to unemployed fisheries workers.

The results of the Salmonid Renewal Program 1999/2000 have been broken down into four accounts – Environmental, Economic Development, Equity and Financial. Detailed information for all Partnership Groups is presented in Appendix 1.

Highlights

Wannock River fishwheel operations (Rivers and Smith Inlet Partnership Group)

Rivers Inlet, on the Central Coast, once had one of the largest sockeye runs in the province, with millions of fish returning annually. The run has been the main food source for the Oweekeno First Nation for thousands of years. But in 1999, virtually no sockeye returned to any river in the region and only 3,500 sockeye returned to the inlet.

One early warning sign that the run was in serious trouble came from a fishwheel set up on the upper Wannock River by the Oweekeno First Nation and the Rivers Inlet Restoration Society. The wheel collected data on run timing, run size and species composition. It was the first step in calculating the total salmon run to Rivers Inlet. From the end of July to the end of August, only 301 sockeye were caught in the fishwheel.

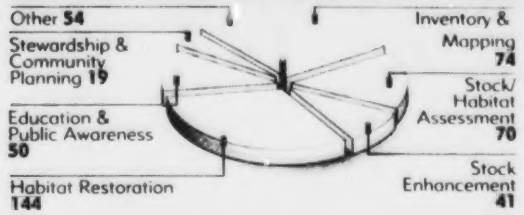
Oweekeno First Nation members, so reliant on the sockeye run, were actively involved in the fishwheel. Band members received training in fishwheel construction, record taking, fish sampling and fishwheel operation and maintenance. The First Nation also helped arrange crew accommodation and space for project vessels at the village dock.

Scientists are still investigating why the sockeye run collapsed. The valuable information collected from the fishwheel project will help provide the basic data to understand the decline.*

Fisheries Renewal BC Investment $84,855

*The fishwheel program "should be one of the highest fisheries priorities in British Columbia," according to a report on Central Coast salmon conservation prepared for the Pacific Fisheries Resource Conservation Council.

Environmental Account Total Projects: 453



Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contribution (estimated $
**10,250,000	5,157,699	15,407,699	2,833,570

**Includes $670,000 of internally imposed restrictions not allocated to specific projects.

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
2,132/48,924	1,898/14,284

Equity Account

Murphy Creek side channel intake modification (Columbia-Kootenay Fisheries Renewal Partnership)

Located just north of Trail, Murphy Creek is an important tributary for Columbia River rainbow trout populations that come upstream to spawn. In the early 1990s, the Trail Wildlife Association discovered that trout were unable to access the upper reaches of the creek because a culvert under a road was steep and the water ran too fast.

The association built a side channel for spawning, incubation and early rearing of trout downstream from the culvert. Side channels provide sheltered rearing habitat for juveniles. The channel has performed very well, producing about 30,000 trout fry a year, but the intake is in an exposed location and subject to damage during spring freshets. High spring flows also cause excessive siltation that impairs the development of fish eggs.

Funding from Fisheries Renewal BC was used to relocate the intake to a less exposed area and build settling ponds to reduce sand deposits in the spawning gravel of the channel. Initial observations

Partnership Groups

1. **Bulkley Morice Salmonid Preservation Group**
2. **North Coast Fisheries Renewal Council**
3. **Nuu-chah-nulth/West Coast Vancouver Island Regional Aquatic Management Society**
4. **Rivers and Smith Inlet Partnership Group**
5. **North Island Fisheries Centre**
6. **Haida Gwaii Marine Resources Group Society**
7. **Fraser Valley Regional Watersheds Coalition**
8. **Sunshine Coast Salmonid Renewal Partnership**
9. **Upper Fraser and Nechako Fisheries Council**
10. **Lower Mainland Regional Delivery Partner Group**
11. **Central Island Fisheries Renewal Partnership**
12. **Thompson Basin Fisheries Council**
13. **South Island Aquatic Stewardship Society**
14. **Comox-Strathcona Fisheries Renewal Partnership**
15. **Cariboo Chilcotin Fish Enhancement Society**
16. **Northwest Watersheds Resource Council**
17. **Taku & Atlin Area Community Fisheries Working Group**
18. **Central Coast Partnership Group**
19. **Squamish/Lillooet Rivers Watershed Partnership Group**
20. **Lillooet (under development)**
21. **Cowichan Fish and Habitat Renewal Board**
22. **Okanagan-Similkameen-Boundary Region Partnership Group**
23. **Columbia-Kootenay Fisheries Renewal Partnership**

suggest modifications to the channel are working very well and Murphy Creek will continue to contribute to trout productivity in the Columbia River system.

Fisheries Renewal BC Investment **$11,500**

Joseph Creek environmental education and awareness (Columbia-Kootenay Fisheries Renewal Partnership)

Joseph Creek, a tributary of the St. Mary River, flows through Cranbrook. The creek was once a productive, healthy waterway that provided habitat for westslope cutthroat trout, kokanee salmon, rainbow trout, and migratory salmon in the lower reaches. Urbanization, forestry and agriculture have all contributed to the degradation of fish habitat in the creek.

Students and staff from Mount Baker Secondary School decided to focus on Joseph Creek as a model stream for an environmental awareness and education project. Through scientific mentors in the community and environmental science and stream ecology courses at school, the students learned about stream ecosystems and the impacts of human activity.

Once the students built up a knowledge base about the creek, they started to look at ways to deliver the information to the community. They surveyed residents of Cranbrook to determine levels of public awareness about Joseph Creek. They began work on a Web site to disseminate information and they conducted information-sharing sessions with younger students. In the future, they hope to make presentations to community leaders on the importance of environmental awareness.

The knowledge and skills these students have gained will promote environmental stewardship in the community and help protect Joseph Creek and other threatened streams from future impacts.

Fisheries Renewal BC Investment **$12,100**

Burnell (Sawmill) Lake riparian fencing project (Okanagan-Similkameen-Boundary Region Partnership Group)

Grazing cattle, motorcycles and all-terrain vehicles were all having a devastating effect on the shoreline of Burnell Lake. The Penticton Flyfishers Club worked with ranchers, government and other

groups to help protect sensitive waterside habitat in this popular trout-fishing lake.

Over 8,000 feet of "wildlife-friendly" fence were installed to restrict cattle access to selected watering sites; limit recreational vehicle use; and restrict access for off-road vehicles to sensitive wetlands. Signage was installed along the fence to help educate people about the importance of protecting these areas from agricultural and recreational impacts.

The groups have already seen beneficial effects. Much of the affected habitat is now beginning to recover. The fencing and signage also raise awareness of fisheries values in the lake and the need to protect them.

Fisheries Renewal BC Investment **$16,416**

Daudet Creek stream restoration (Northwest Watersheds Resource Council)

Increased urbanization is usually associated with degradation of the natural environment, but a Kitimat developer who was building houses around Daudet Creek came up with an approach that proved to be a winner for everyone.

For over 30 years, the combined effects of logging, road-building and beaver damming had reduced Daudet Creek to a series of ponds with some adjacent wetland areas. The developer needed to drain the land and decided to transform the area back into a living creek. Although he was under no obligation to do any fish habitat work, he expected that a fish-bearing stream would increase the market value of his property.

With the assistance of environmental consultants, Fisheries and Oceans Canada, and other local partners, the creek was transformed. Excavation, creation of pools, addition of debris, riparian (stream-bank) planting of vegetation, and other techniques were used to restore the habitat.

In just a few weeks, the creek was teeming with cutthroat trout and juvenile coho salmon. Students and other groups assisted with the work and made sure the larger community knew what they were doing so everyone could become involved in the stewardship of Daudet Creek.

Fisheries Renewal BC Investment **$25,800**

North Coast stream inventory program (North Coast Fisheries Renewal Council)

When First Nations, conservation groups and others on the North Coast got together to form a Fisheries Renewal BC Partnership Group, they quickly found that the thousands of rivers, streams and creeks in the area had little or no baseline information on the quality and quantity of fish populations and the state of their habitats.

With the help of Fisheries and Oceans Canada and financial support from Fisheries Renewal BC, the group embarked on an ambitious stream inventory and habitat mapping program to collect the much needed basic information. Once the inventory is completed, the data will be analyzed and streams will be prioritized for habitat rehabilitation and stock enhancement work.

The group knows it won't be able to work on every waterway that might benefit from its activities, but now it can choose those watercourses that are most in need of help and that will yield the most promising results.

Fisheries Renewal BC Investment **$200,000**

Habitat restoration, Reay Creek, Sidney
Top: Before Bottom: After

Thompson Basin Streamkeepers Program (Thompson Basin Fisheries Council)

Conservation groups, First Nations, and educators realized there was an excellent opportunity to establish a Streamkeepers Program in the Thompson basin. Fisheries Renewal BC provided funds to recruit, train and certify six trainers to plan and deliver pilot programs through local school groups. Hands-on programs include everything from mapping and inventory work to planting of riparian vegetation and streamside fencing. These programs will be evaluated, modified and then delivered to a broader number of groups in the following year.

The Streamkeepers Program began as a Fisheries and Oceans Canada initiative in 1993 and then became a non-profit society, the Pacific Streamkeepers Federation, in 1995. The society provides volunteer streamkeepers with training and support for their role in protecting and restoring aquatic habitat in their communities.

Streamkeepers educate the public about the importance of watershed resources and encourage communication and cooperation in watershed management.

Fisheries Renewal BC Investment **$49,958**

Bank stabilization, Moffatt Creek, near Williams Lake

Shuswap Lake foreshore protection and stewardship (Thompson Basin Fisheries Council)

When members of the Adams Lake Indian Band sent out 1,700 questionnaires to residents on Big Shuswap Lake, they got an earful of comments on what the community thought were the greatest impacts on the lake. Gas, oil and noise from power boats and jet skis, septic waste from house boats and pollution from other recreational activities were identified as having the most serious effects on the Salmon Arm-area lake.

The band used the survey results as baseline information for a public awareness campaign. For instance, many residents were not aware that "beach clean-up" – cutting aquatic vegetation, creating sandy beaches, or removing logs and rocks – can often have disastrous effects on fish habitat.

Band members then visited individual homes, distributed pamphlets, organized focus groups and issued news releases to raise awareness about fish habitat and how to protect it.

Fisheries Renewal BC Investment **$34,792**

Evaluation of fish habitat assessment and restoration procedures (Haida Gwaii Marine Resources Group Society)

The Hecate Strait Streamkeepers are an active community group that has undertaken many habitat restoration projects. Critical analysis of the effectiveness of the group's activity is an essential but often overlooked component of fish habitat work.

Previous work on creeks entering Skidegate Inlet and West Skidegate Channel focused on correcting problems caused by road building and forest harvesting on steep slopes exposed to heavy rainfall and high winds. The group used materials found in the immediate area and employed low-impact techniques rather than heavy equipment.

The evaluation yielded important information on the effectiveness of different restoration approaches. For instance, in most streams where large woody debris (LWD) was added, pools became deeper, providing better habitat for coho salmon. In one creek, however, the debris was not well secured resulting in no pool formation, erosion of the bank downstream, and the need to redo the work using a different technique.

The group plans to continue monitoring all its past work as a means of improving future restoration efforts, ensuring public funds are used appropriately, and producing maximum benefits to the fishery resource.

Fisheries Renewal BC Investment **$18,842**

Rennell Sound riparian treatments (Haida Gwaii Marine Resources Group Association)

The Rennell Sound area on the west coast of Haida Gwaii has been heavily logged over the past 30 years, severely impacting migratory fish. Areas that were logged to the creek banks have grown back with almost pure stands of red alder.

While alders are important for bank stabilization, conifers, such as cedar, contribute large woody debris (LWD) to creek systems. Fish habitat biologists have learned that the LWD adds complexity and creates a series of pools in the creeks that are often crucial to the survival of salmon and trout.

The restoration activities were carried out in the watersheds of Riley, Bonanza and Shelly creeks and involved removal of 40 to 60 per cent of the red alders to accelerate the growth of conifers.

The work will contribute to the long-term fisheries productivity of these watersheds. These riparian treatments are part of a comprehensive watershed plan in Rennell Sound managed by the Haida Fisheries Program of the Council of the Haida Nation.

Fisheries Renewal BC Investment **$30,692**

Kokanee enhancement on Mission Creek (Okanagan-Similkameen-Boundary Region Partnership Group)

The part of Mission Creek that flows through Kelowna has been subjected to pressures from urban development. The Okanagan Institute for Freshwater Study at Okanagan University College is working with several stewardship organizations and community groups to develop a plan to improve fisheries habitat on this significant and heavily impacted creek.

The creek has received considerable attention in the last few years because of a series of trails developed along its banks. One of the key elements of the plan is to get trail users to address fish habitat issues.

Fisheries assessment, Comox-Strathcona Fisheries Renewal Partnersh

Part of the plan will include a public consultation process that will build awareness and foster community stewardship of the waterway.

Fisheries Renewal BC Investment **$12,757**

Community-based watershed stewardship (Cariboo Chilcotin Fish Enhancement Society)

An Environmental Youth Team, which was spreading the word about the environment to young people in area schools, Cubs, Pathfinders and other groups, was a perfect vehicle to deliver information about fish and fish habitat. The Baker Creek Enhancement Society recognized that all the team needed was some props and display materials to make its job more effective.

The society used Fisheries Renewal BC funding to purchase and build models of the life history of salmon, watershed displays, multi-media presentations and other educational tools. The society has strong community support from a wide variety of groups including service clubs, government foresters, naturalists, and environmentalists.

Fisheries Renewal BC Investment **$20,000**

Fish habitat signage program for Southern Vancouver Island (South Island Aquatic Stewardship Society)

A number of conservation organizations across the province have found that a seemingly very simple public awareness approach – signs indicating the presence of salmon in a stream – has been very effective in fostering stream stewardship.

Even local residents are often totally unaware that what they often refer to as a ditch is important salmon habitat.

The Labour Community Fisheries Habitat Development Centre Society, an association of First Nations, angling groups, and conservation organizations, embarked on an ambitious project with the assistance of Fisheries Renewal BC funding, to erect signs at salmon creeks, streams and rivers throughout southern Vancouver Island.

A total of 125 signs were erected and community response has been very encouraging.

Fisheries Renewal BC Investment $27,704

Fish habitat signage, southern Vancouver Island

Reay Creek coho project (South Island Aquatic Stewardship Society)

Members of the Sidney Anglers Association have long known about watershed stewardship. They have been taking care of Reay Creek, a small, urban coho and cutthroat stream just north of Victoria, for over 20 years.

Members of the group used a Fisheries Renewal BC investment, along with their own time and money, to continue efforts to stabilize stream banks against erosion, add gravel to spawning beds, and improve rearing and over-wintering salmonid habitat.

Thanks to the group's work, larger than usual adult runs are predicted in upcoming years. This is an excellent return on investment given they started with a badly degraded stream full of garbage.

Fisheries Renewal BC Investment $3,200

Quicks Bottom management and restoration plan (South Island Aquatic Stewardship Society)

Quicks Bottom, a municipal park near Victoria, contains a wetland dominated by reed canary grass, an aquatic plant that often invades disturbed areas and inhibits adult fish passage, restricts water flow and lowers oxygen concentrations.

With cooperation from local landowners and a partnership between local government and community groups, a management plan is being developed that will include hand-pulling reed canary grass. The first phase of the work, with the help of technical advisors from the Fisheries and Oceans Canada, will consist largely of mapping and inventory work.

Fisheries Renewal BC Investment $40,458

Douglas Lake kokanee restoration (Thompson Basin Fisheries Council)

The Upper Nicola Band was concerned that the lack of basic biological information about Kokanee populations in Douglas Lake was hampering effective management of an annual food fishery. The band was the lead proponent of a study on kokanee sponsored by Fisheries Renewal BC.

The project included a count of spawning kokanee in two tributary streams of Douglas Lake, near Merritt. Information was also gathered on timing of the run, average number of eggs per fish in the spawning population, and available spawning habitat.

The project provided valuable information on kokanee spawning biology and gave the band an important tool to help regulate its harvest. Creek surveys also identified potential habitat problems that may be addressed in future studies.

Fisheries Renewal BC Investment $48,700

Vernon Lake/Sebalhall side channel (North Island Fisheries Centre)

The upper areas of Nimkish Lake and Sebalhall River have been severely impacted by large accumulations of coarse sediment from upstream sources. The sediment has reduced the quantity

and quality of spawning and rearing habitat for coho, sockeye and trout.

A cooperative partnership was formed between the Nimkish Resource Management Board, Canfor, Fisheries and Oceans Canada, the Namgis First Nation and the IWA. With funding from Fisheries Renewal BC, and other agencies, a remnant side channel of the Sebalhall River was excavated to produce 10,000 square metres of salmonid spawning and rearing habitat.

Preliminary results showed the two kilometres of new spawning channel was used extensively, with survival of eggs as high as 95 per cent.

Fisheries Renewal BC Investment **$50,000**

South Alouette adult enumeration (Lower Mainland Regional Delivery Partner Group)

The Katzie First Nation and groups concerned with chum salmon and other fisheries in the Alouette River near Maple Ridge have a history of cooperation. BC Hydro, which operates the Alouette Dam, has worked with a broad range of local stakeholders to develop a water-use plan for the river system. The plan outlines an operating regime for the dam that takes into account the needs of fish populations, in particular the annual chum salmon spawning migration.

To determine the effectiveness of the water-use plan the group needed to collect information on the size of the chum spawning run. Chum were caught in the lower reaches of the river, marked with a tag and then counted after they had spawned and died. Ratios of tagged to untagged fish were used to calculate the total population of returning adults.

Population estimates of adult chum over several years provides important trend-through-time data that will be used to determine the effectiveness of the water-use plan.

Fisheries Renewal BC Investment **$10,000**

McCartney Creek salmon habitat restoration/ enhancements/improvements (Lower Mainland Regional Delivery Partner Group)

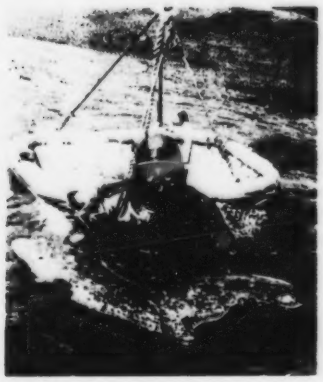
Annual surveys by Fisheries and Oceans Canada revealed declining numbers of spawning coho and chum salmon and resident cutthroat trout in North Vancouver's McCartney Creek. The Blueridge Community Association undertook a variety of stream restoration initiatives to improve productivity in this urban waterway. A 30-foot long, nine-foot diameter culvert beneath the Seymour Parkway was a particular problem.

The association, drawing on a design from Washington State, installed a series of simple metal baffles in the culvert. The baffles slow water flow and provide resting pools similar to those in a fish ladder. The design was reviewed by engineers to ensure it would not restrict peak flows through the culvert.

Early observations are encouraging, and it is likely the baffles will improve access to other parts of the watershed. The community association has shared their experience in a seven-minute video and a story about the project was featured in Stream Talk, a Fisheries and Oceans Canada newsletter.

Fisheries Renewal BC Investment **$9,000**

Murphy Creek side channel modification



The Development and Diversification Program invests in the seafood and recreational fishing industries of B.C. The goal of these investments is to build and maintain a strong industry, create long-term employment and strengthen communities that depend directly or indirectly on the fisheries resource. With increasing world demand for seafood products, the focus is on more value from each fish caught.

Overview

The program provides cost-shared funding for projects that:
- develop and diversify value-added products and services
- develop new and under-utilized fisheries
- improve selective harvesting technologies or techniques
- expand fisheries-related tourism opportunities
- improve seafood waste reduction and by-product utilization
- and develop better, environment-friendly seafood manufacturing processes.

This is a highly leveraged program where organizations or businesses seeking Fisheries Renewal BC investment, which is generally less than 40 per cent of the total cost of the project, are required to contribute a minimum of 25 per cent of the project costs themselves.

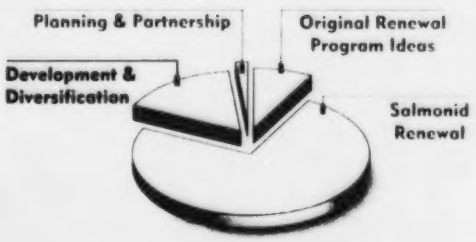
Applicants for the Development and Diversification Program may include:
- seafood industry
- sport fishing industry
- First Nations
- tourism and marketing organizations
- local governments
- scientific and research institutions.

One of the key features of the Development and Diversification Program is that knowledge gained from the projects must be made available to other potential participants in the fishery or the processing industry.

Development and Diversification Program investments are administered directly by Fisheries Renewal BC.

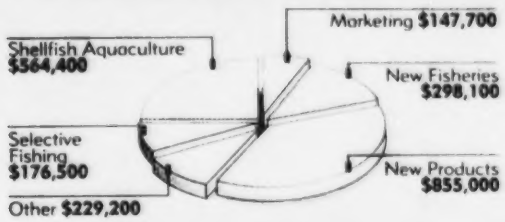
Investments

In 1999/2000, Fisheries Renewal committed to more than $2.27 million in 48 projects through the Development and Diversification Program. Additional funding from other sources including the project proponents, federal government, provincial government, private sector and First Nations brings the total investment to $11.4 million. The projects contributed to the creation of 747 jobs.

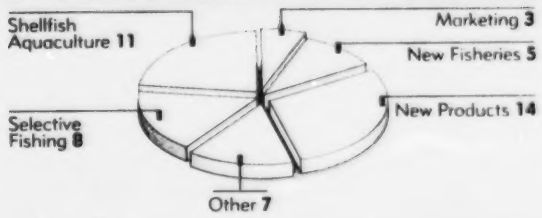


The projects focused on:
- development of new products
- new fisheries
- development of the shellfish industry
- improved production techniques
- marketing
- applied research and development.

TOTAL FISHERIES RENEWAL BC INVESTMENT: $2.27 MILLION



TOTAL NUMBER OF PROJECTS: 48



TOTAL INVESTMENT: $11.4 MILLION

HIGHLIGHTS

Sound clean-up benefits aquaculture industry

Baynes Sound in Georgia Strait near Comox is home to a significant portion of B.C.'s shellfish industry and the local community reaps many benefits from this million-dollar industry. In recent years, parts of the sound have been closed due to bacterial contamination from a variety of sources including faulty septic systems, stormwater drainage, agricultural run-off and boater discharge.

The Comox Valley Project Watershed Society received a Development and Diversification investment from Fisheries Renewal BC, along with funding from a number of other agencies, to develop and implement a boater discharge education program.

The society hopes to create more awareness in the boating community around stewardship and taking care of the water. An important part of the education program involved asking boaters what they wanted to know. One of the key public education tools produced is a booklet called the Baynes Sound Boaters Guide.

Baynes Sound is being considered for protection under new federal pollution regulations. To prepare for this, pumping facilities have been installed in two local harbours – Deep Bay and Comox. The society's efforts to encourage boaters to use on-board holding tanks will be critical to building awareness of the new rules and the need to use the pumping facilities.

The response from area boaters to the society's program has been very positive. It seems no one is going to argue with cleaner water.

Fisheries Renewal BC Investment $20,000

Meeting year round demand for halibut

For years, Nanaimo fisherman Kim Mauriks and other commercial halibut fishermen have had a problem. They fish for halibut from March to November when the wild season is open, but the demand for fresh halibut is strong all year round.

Mauriks came up with an idea to keep halibut in holding pens to bridge market demands for fresh product when the season is closed.

Mauriks has been testing out his ideas, which he calls "creating a live inventory," with the help of funding from Fisheries Renewal BC's Development and Diversification Program.

Some of the halibut that Mauriks catches off the northwest tip of Vancouver Island, are sold fresh to the usual markets. The rest are taken in live holding tanks to pens in nearby Quatsino Sound, where they are housed and fed for a few months and removed from the pens depending on market demand.

At first, the halibut were fed a mixture of various fishes, squid and octopus, but Mauriks has been experimenting with commercial halibut pellets developed in Europe.

Mauriks' ideas combine conventional commercial fishing of wild stocks with the techniques of commercial aquaculture. There has been a strong positive response from restaurant owners and other markets who appreciate the predictability of the halibut supply.

Fisheries Renewal BC Investment $72,000

Sea urchins, Island Scallops

Value-added salmon products

Ocean Deli Ltd., located in Langley, has been producing value-added, gourmet salmon products for British Columbia markets for several years. The salmon roll, a filet of salmon in pastry, has been the company's most successful product. The roll is made from under-utilized and under-valued chum salmon. Some years, prices for this species have been so low that many fishermen ceased fishing for it.

Salmon roll taste test, Vancouver supermarket

Sales of the rolls in B.C. are growing and the company received a Development and Diversification investment to launch a marketing campaign targeted at potential customers in the United States and Europe, and to investigate developing a larger manufacturing facility to supply present and future market demands.

The marketing campaign involved in-store demonstrations, participation at international trade shows, and presentations to food distributors. Gearing up for global markets also requires plant and product certifications and changes to meet labelling and packaging regulations.

Fisheries Renewal BC Investment **$75,000**

Farming sea urchins

Island Scallops of Qualicum Beach along with the Red and Green Sea Urchin Harvesters Associations, received Development and Diversification funds for conducting research into juvenile urchin growth and survival studies.

The market for sea urchins has been growing steadily both within the Asian community of B.C. and the export market to Japan and other Asian countries. Quotas for wild urchins have been reduced in recent years, so there is an exciting market potential for commercial aquaculture production of sea urchins.

With considerable technical assistance from Fisheries and Oceans Canada and additional investments from other sources, Island Scallops has been collecting urchins in the Campbell River area and growing them in large tanks. The urchins are fed kelp, which is harvested near Bamfield on the west coast of Vancouver Island. Most of the research has focused on growth and development to see what conditions are required to bring the urchins to a marketable size quickly.

So far, the results have been promising. Urchins are growing very quickly and survival has been excellent. The research conducted has been valuable for both the wild fishery and the aquaculture industry.

Fisheries Renewal BC Investment $100,000

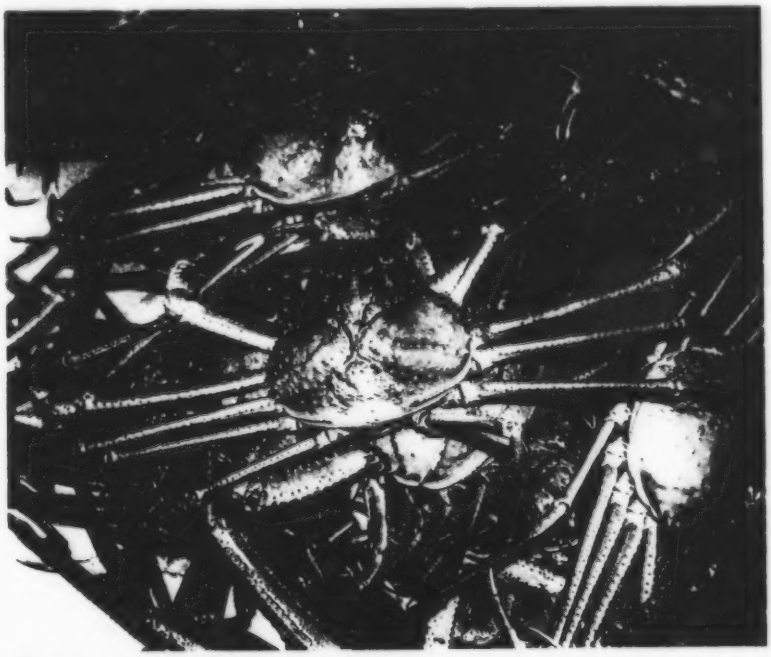
Potential commercial crab harvest

Lobster, crab and shrimp have always been a valuable mainstay in restaurants around the world and market demands are strong. The West Coast Sustainability Association and its partners up and down the coast have been seriously investigating the feasibility of a commercial harvest for a new species, Tanner crab.

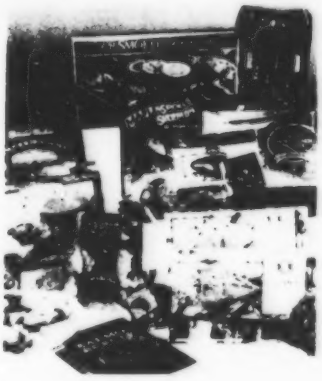
Tanner crab, marketed as red snow crab, is a deep-water species that had received little attention prior to the late 1980s. The partnership, which includes three seafood processors, First Nations, commercial fishermen, local governments and others, collected information on distribution, abundance and catchability of the crabs. The work was supported by a Development and Diversification investment from Fisheries Renewal BC and other sources of funding including in-kind contributions of fishing boats and gear from harvesters.

Preliminary results are very encouraging. Tanner crab appear to be distributed all up and down the coast at depths from 100 to 400 fathoms. A special trap was developed for the crab and catches suggest there may be a commercially viable harvest. Further studies are needed to determine the quantity of crabs that could be caught on a sustainable basis. The crabs have been test marketed to various restaurants and other markets and the response has been excellent.

Fisheries Renewal BC Investment $150,000



Tanner crab landed at Ucluelet



Original Renewal Program Ideas allows Fisheries Renewal BC to tap into the knowledge, experience and abilities of British Columbians. The program funds a wide range of activities that support the corporation's strategic priorities but fall outside its established programs.

Overview

Original Renewal Program Ideas invests in innovative and cost-effective projects that do not fit under Fishery Renewal's other three programs but clearly fall within the corporation's strategic investment goals. The creative ideas and working experience of British Columbians have produced a number of projects geared to renewing and revitalizing B.C. fisheries.

Investments

A total of 13 projects were approved under the program in 1999/2000 for a total investment of $1.14 million.

Highlights

Applied research and development

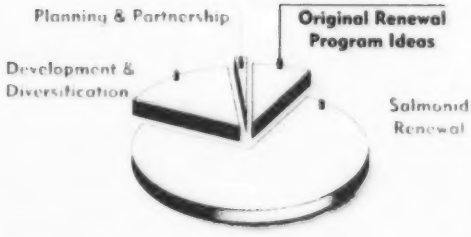
Fisheries Renewal BC has a new applied research and development program, which is administered by the Science Council of British Columbia and the Institute for Pacific Ocean Science and Technology.

Projects were selected through open competition and a peer review committee of community and First Nations, research, industry and government representations. The criteria for assessing projects included: a demonstrated community need for the research, some element of collaboration or community participation, a research problem that needed to be solved, or research leading to a new industry or new knowledge to make an existing industry more effective.

In all, 14 research projects were approved under this program. The projects ranged from a study of new fisheries management and allocation to the use of traditional First Nations fish traps, DNA technology in sea cucumber stock management, and North Coast plankton identification and monitoring studies.

One example project is the Heiltsuk Traditional Fish Trap Study. The study, carried out by the Heiltsuk Cultural Education Centre, examined 225 fish traps that were traditionally used by Aboriginal people in the Bella Bella area.

The location and design of the traps has yielded important information about the nature of salmon runs in the past as well as traditional enhancement strategies that were employed. For example, traps were located throughout the watershed, but were fished according to the nature and abundance of the salmon run in different parts of the watershed.



Future work includes studying the design of the traps, reconstructing some of the traps to examine how they work, and combining the information collected in the river systems with the oral history of First Nations in the area.

Fisheries Renewal BC Investment **$300,000**

BC Seafood Sensations 2000

Fisheries Renewal BC provided a grant to the BC Salmon Marketing Council and the BC Seafood Sector Council to support the first-ever competition to showcase B.C.'s best, new, value-added seafood products. The awards highlight the industry's innovative new products with the long-term goal of stimulating the growth and development of the B.C. seafood industry.

In all, 35 entries from 20 B.C. seafood companies were considered. Each product entry was rated by the judges on taste, packaging, presentation and overall marketability.

The grand prize went to Pearl Seaproducts Inc. in Sechelt for its frozen, oven-ready Pearl Bay Oysters Rockefeller. The Canadian Fishing Company in Vancouver won second prize for its Wild Pacific Chum Portions in Garlic and Chives Marinade.

The entries demonstrate the many innovative ways B.C. companies are creating value-added products to help stimulate the economic viability of the seafood industry.

Fisheries Renewal BC Investment **$35,000**

Environmental management system for shellfish growers

The B.C. shellfish farming industry has tremendous growth potential, but the economic viability of the industry can only be sustained if it takes an active role in environmental protection.

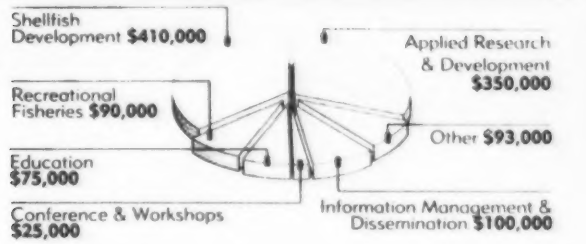
The BC Shellfish Growers Association received a Fisheries Renewal BC Original Renewal Program Idea investment for the development of an environmental management system for the shellfish industry. The goal of the system is to provide shellfish farmers and processors guidance for protecting environmental quality while improving production and processing efficiencies.

The system has two components. The first is an environmental policy, which sets out the philosophy or approach the shellfish industry will take to address a range of environmental issues. The second component is a code of practice which is the tool for implementing the policy.

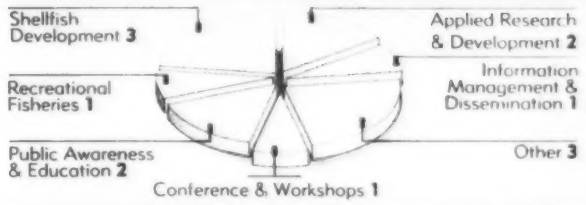
The code of practice outlines practices for farmers and processors that are environmentally responsible and economically viable, while meeting maximum product quality criteria. The code is being developed in consultation with coastal communities and other users of the marine resource.

Fisheries Renewal BC Investment **$106,000**

TOTAL FISHERIES RENEWAL BC INVESTMENT: $1,143,000



TOTAL NUMBER OF PROJECTS: 13



Mussel aquaculture

The Planning and Partnership Program brings together groups and individuals with a shared interest in renewing fisheries and helps them develop effective working partnerships. The program also assists groups with developing a long-term vision and improving the effectiveness of partnerships.

Overview

The Planning and Partnerships Program invests in activities such as:

- strategic and project planning;
- research and information gathering;
- workshops and meetings to facilitate groups coming together for a common purpose;
- and feasibility studies and risk assessments.

The program indirectly contributes to all three key investment goals of Fisheries Renewal BC – More Fish, New Fisheries, and Higher Value/ More Work.

Investments

In 1999/2000, 25 projects received funding under the Planning and Partnership Program for a total investment of $218,800. In 1998/1999, the bulk of the program's budget went to formation of Partnership Groups in the Salmonid Renewal Program. As most of these groups have now been formed, the partnership development portion of the budget was considerably reduced in 1999/2000 and projects focused primarily on feasibility studies, strategic planning, and workshops and conferences.

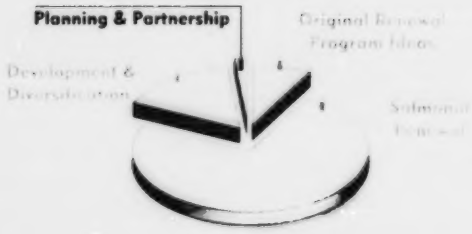
Highlights

Marketing freshwater fishing

While many regions of British Columbia are dealing with a shortage of fish, parts of the Cariboo Chilcotin seem to have the opposite problem. There are a number of under-utilized fisheries in the area and the Cariboo Chilcotin Tourism Association is actively marketing them to anglers both inside and outside B.C.

The association works with area lodges, resorts, and outfitters to disseminate information about facilities and resources they have to offer anglers. The association provides assistance and guidance to these tourism operators to make their services export-ready. This includes providing customer service training, assisting with access to capital investment dollars, and facilitating cooperative approaches to marketing with more than one operator.

In the wintertime, tourism staff make the rounds of the high-profile outdoor shows in the U.S. to provide information on angling and tourism opportunities in this part of B.C. The long-term goal of the association is to promote Cariboo Chilcotin freshwater fishing vacations to the international travel trade industry in the U.S., UK, Germany and France.



Marketing this recreational fishery is a pilot project supported by funding from Fisheries Renewal BC, members of the tourism association, and other sources.

Fisheries Renewal BC Investment **$9,000**

Visions 2000 workshop

For the past six years, the Shuswap Nation Fisheries Commission has hosted Visions in Shared Management workshops to provide a dialogue between First Nations and the Fisheries and Oceans Canada. This year's workshop, Visions 2000 – Sustaining Salmon Fisheries of the Fraser River: Past, Present and Future, broadened participation to include other governmental and non-governmental organizations.

More than 230 people attended the three-day Kamloops event, which was made possible through funding from Fisheries Renewal BC's Planning and Partnership Program and other funding sources.

Participants were able to choose from more than 60 technical presentations on fisheries management in four theme areas:

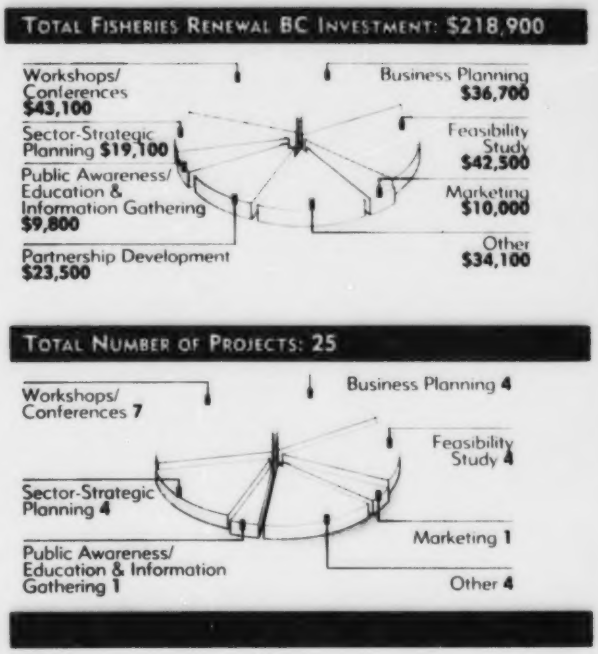
- Enumeration and Harvest Management;
- Habitat Protection;
- Community-Based Watershed Planning and Management; and
- First Nations Fisheries Management.

Keynote speakers, video presentations, and a working session on community-based watershed management provided additional opportunities for learning, dialogue and bridge-building among all interests.

Fisheries Renewal BC Investment **$6,000**

BC Seafood On-Line Reference Guide

The BC Seafood Sector Council, BC Salmon Marketing Council, Ministry of Fisheries and Fisheries Renewal BC have pooled their resources to create an Internet-based approach to marketing B.C.'s fish and seafood products. The business-to-business guide provides useful information at the click of a mouse to seafood processors, wholesalers, suppliers, distributors, buyers, funding agencies and community planners.



The BC Seafood On-Line Reference Guide will provide a comprehensive database on producers, production and plant capacity. The guide, which is equipped with a sophisticated search function for those seeking specific information, will be regularly updated.

As a marketing tool, the guide will show buyers around the world the breadth of B.C.'s seafood industry.

Fisheries Renewal BC Investment **$10,000**

Partnership group meeting, October 1999, Nanaimo

CANADIAN
FISHING COMPANY

Appendix 1 Salmonid Renewal Program

The Salmonid Renewal Program is delivered through a provincewide network of regional Partnership Groups.

This appendix provides a detailed accounting of each of the 21 Partnership Groups' membership and projects during 1999-2000.

Accountability is a fundamental principle of Fisheries Renewal BC, and particularly important for community-based program delivery. That is why Fisheries Renewal BC commissioned PricewaterhouseCoopers to audit eight Partnership Groups and their projects in 1999.

The audit concluded: "The program model, using a provincewide network of Partnership Groups as program delivery agents, has been introduced successfully. These broad-based community group coalitions are, with very few exceptions, working together effectively, making local decisions, administering funds and monitoring projects."

Also in line with this accountability, the table at right provides aggregate comparisons of what the groups planned to do during 1999-2000 and what they were able to accomplish.

More elaborate project descriptions are available through the clickable map on Fisheries Renewal BC's Web site: www.fishrenewal.gov.bc.ca

Also, Fisheries Renewal BC projects are being entered in a joint federal-provincial online fish habitat restoration and stock enhancement database available at: www.canbcfpr.pac.dfo-mpo.gc.ca/fpr

Notes to the Appendix

The appendix lists each Partnership Group's members and projects. Beside the B.C. Map for each group on the pages that follow are listed the name of the Partnership Group, its office location and the name of the organization that the members have chosen to act as administrator.

	Target	Actual
Job creation contributions	1,931	2,132
Salmonid renewal projects	455	453
Juveniles released (million)	33.4	28.6
Stream habitat restored (km)	341	224
Stream stock and habitat assessment	2,829	2,916
Training opportunities	887	806
Volunteers	2,476	1,898
Workers from First Nations	744	572

Salmonid Renewal Program numerical data on the following was provided by Partnership Groups.

* Carry-forward projects: These projects received funding from Fisheries Renewal BC during fiscal 1999/2000. However, work on the project was not completed until June 30, 2000 for a variety of reasons, including: weather dependencies, Partnership Group formation later in the fiscal year, and additional funds becoming available later in the fiscal year. Data for these carry-forward projects will be reported in the 2000/2001 Annual Report.

** In the Equity Account, individuals can be members of more than one equity group, so the sum of individuals in each group may exceed the total number of individuals employed as shown in the Economic Development Account.

North Island Fisheries Centre

Port Hardy

Community Futures Development Corporation of Mount Waddington

PARTNERS

Kwakiutl Territorial Fisheries Commission
Namgis First Nation
Mount Waddington Regional District
Village of Alert Bay
United Fisherman Allied Workers Union
Quatsino First Nation
Kingcome First Nation
Gwa'Sala First Nation
Kwakiutl First Nation
District of Port Hardy
Seafood Products Limited

PROJECTS

Area 12 Coho Enumeration
Gwa-Yee Fishery Resource Management
Juvenile and Adult Salmon Assessment
Jenkinson Creek (Tsulquate River)
Barrier Removal
Broughton Archipelago Stewardship Project
Shushartie River Watershed Inventory
Bear Creek/Kokish River Salmonid Enhancement
O'Connor Lake-Quatse Hatchery
Scott Cove Coho and Chum Enhancement
Woss Community Hatchery
Seymour-Belize Inlet Watershed*
Quatsino Sound Stream Assessment and Restoration
Nekite River Spawning Channel
Docee River Sockeye Smolt Enumeration and Adult Escapement
Public Relations for Salmon Fisheries-Youth Employment and Training Program
Northern Vancouver Island Stream Habitat Prioritization Listing – Continuation, Phases 2 and 3.
Adult Salmon Stock Assessment – Lake Outlet Counts and Fry Salvage
Keogh River Watershed – Lower Keogh River Off-channel Wetland*
Vernon Lake/Sebalhall Side Channel
Cluxewe Creek Restoration

Environmental Account — Total Projects: 20

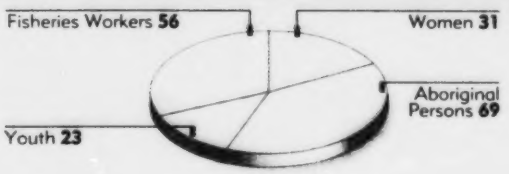
Financial Account

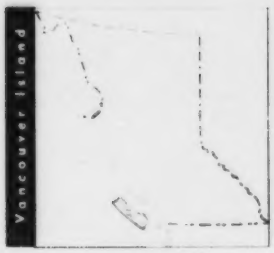
Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kinc Contributi (estimate
660,000	636,146	1,296,146	245,524

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
116/5,607	40/1,772

Equity Account





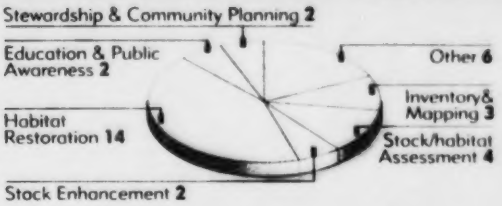
NUU-CHAH-NULTH/ WEST COAST VANCOUVER ISLAND REGIONAL AQUATIC MANAGEMENT SOCIETY (RAMS)

Ucluelet

PARTNERS

Nuu-chah-nulth Tribal Council
Alberni-Clayoquot Regional District
West Coast Sustainability Coalition
Area G Troll Fisheries Association
Ahousaht First Nation
District of Ucluelet
Nuchatlaht First Nations
Uchucklesaht First Nation
Village of Tahsis
Port Alberni Sport Fishing Committee
Ucluelet First Nation
Pacific Coast Processors
Coastal Communities Network
Alberni-Clayoquot Economic Development Commission
Comox-Strathcona Regional District/Nootka Resources Board
Ditidaht First Nation
Hesquiaht First Nation
Long Beach Model Forest
Tofino Enhancement Society
Forest Watch/Friends of Clayoquot Sound
Tla-o-qui-aht First Nation
Thornton Creek Enhancement Society
Ucluelet Fish and Game Club
Department of Fisheries and Oceans
Mowachaht/Muchalaht First Nation
City of Port Alberni
Alberni-Clayoquot Community Futures
Nootka Sports Fish Advisory Board
Scandic Seafoods
Alberni Valley Enhancement Association
Nuu-chah-nulth Economic Development Corporation
Ma'Mook Economic Development Corporation
BC Ministry of Advanced Education and Training
Human Resources Development Canada
Ecotrust Canada
Huu-ay-aht First Nation
Nitinat Hatchery
Bamfield Streamkeepers
Bamfield School for Field Studies
Patcheedaht First Nation

ENVIRONMENTAL ACCOUNT — TOTAL PROJECTS 33



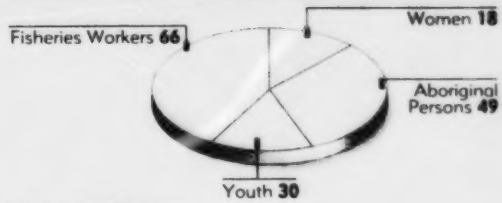
FINANCIAL ACCOUNT

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributic (estimated
690,000	1,009,571	1,699,571	199,876

ECONOMIC DEVELOPMENT ACCOUNT

Jobs Created #/person-days	Volunteer Contribution #/person-days
154/3,642	59/275

EQUITY ACCOUNT

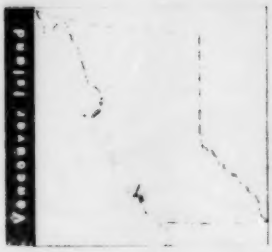


Bamfield Marine Station
Tseshaht First Nation
Hupacasath First Nation
MacMillan Bloedel
Interfor
Pristine Adventures Ecotourism
Ehattesaht First Nation
Ka:'yu:'k't'h"/Che:k'tles7et'h' First Nation
Conuma Hatchery

PROJECTS

Alberni Valley Stream Mapping Project
West Coast Stream Mapping and Inventory – Phase 2
Henderson River Fish Fence Sockeye Enumeration
Sproat Lake Adult Sockeye Spawner and Spawning Habitat Distribution Mapping
Stock Assessment of the Kennedy Lake Watershed and Its Tributaries
Kennedy Lake Sockeye Restoration: Selective Fishery to Establish Run Timing
Gold River Chinook Assessment
Thornton Creek Hatchery Building Replacement
Taylor River Restoration and Enhancement Project: Additional Complexing of the Relic Channel and Croft Creek Spawning Channel

Cypre River Chum Channel Complexing
Malksope River Riparian Implementation
Kootowis/Staghorn Creek Fishery Restoration Interpretive Trail and Public Education Project
Sproat Lake Assessment & Restoration
McCoy Lake Integrated Watershed Management Plan
Southern Region Assessment: A Partnership for Juvenile Coho Assessment, Adult Escapement Assessment and Local Capacity Building on the Southwest Coast of Vancouver Island
Muriel Creek Restoration and Woody Debris Removal
Henderson Lake Hatchery
Cypre River LWD Bundle Placements
RAMS Regional Information System
RAMS Strategic Salmonid Renewal Planning*
Little Zeballos River Riparian Restoration Treatments
Kootowis, Staghorn, and Lostshoe Stream Restoration
Gordon River Side Channel Project
Big Hal Creek Creek Restoration
Riparian Fencing and Habitat Restoration
McCoy Feeder Stream Complexing
Taylor River Restoration and Enhancement Project – Groundwater Connection of Borrow Pits #3 and #4.
Caycus Tsuk-si-tay Ground Water Channel
Plested Creek Summer Holding Pond
Lugrin, Greg & Kitsucksis Creek Riparian Planting
Lugrin Tributary Channel Obstruction Removal
WCVI Stewardship Interpretive Map*



Comox-Strathcona Fisheries Renewal Partnership

Campbell River

Community Futures Development Corporation of Strathcona

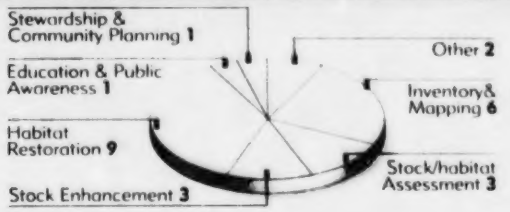
PARTNERS

Comox Band
Little River Enhancement Society
Community Restoration
Millard Piercy Watershed
Campbell River Band
Village of Sayward
Klahoose Fisheries
Gillard Pass Association
Storrie Creek Streamkeepers
Homalco Band
Kwiakah Band
Kwakiutl Laich-Kwil-Tach Nations Treaty Society
Sport Fishery Advisory Board
Courtenay Fish and Game
Commercial Fishers Adjustment Centre
Fanny Bay Enhancement Society
Pacific Trollers Association
Tsolum River Task Force
Cape Mudge Band
North Island College
Willow Creek Watershed Society
Stuart Island Community Association
Klahoose Band
Kwakiutl Tribal Fisheries Commission
North Island Fisheries Initiatives
Riparian Environmental Management
Steelhead Society of BC

PROJECTS

Stream #5, Oyster Bay, Phase II Building of Dams and Weirs
Juvenile Downstream Enumeration (Simms, Willow, Woods and Storrie Creeks)
Elk Falls #3 Coho Habitat Restoration
Rosewall Creek Captive Brood Program/ Accelerated Smolt Program
Rippingale Habitat Restoration Project
Watershed Inventory and Mapping
Little River Enhancement Project
Tsolum River Side Channel Restoration and Enhancement

Environmental Account — **Total: 25 Projects**



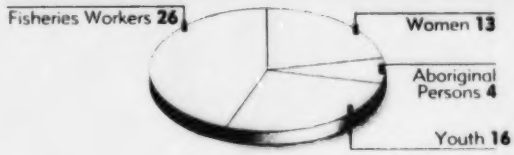
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributi (estimated
560,000	459,404	1,019,404	91,358

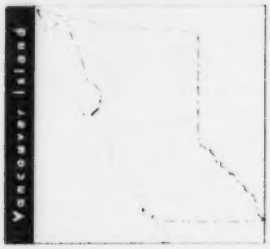
Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
70/2,301	132/389

Equity Account



Mapping Salmon Habitat on Denman Island
Millard/Piercy, Watershed Management Planning Completion/Erosion Reduction/Trib 6+7 Complexing
Mapping and Assessment of Saratoga Wetlands and Tributaries
Preservation of Critical Pond Habitat
Stock Assessment*
Nunns Creek Habitat Restoration
Refuge Lagoon Salmonid Enhancement
Streambank Stabilization and Revegetation*
Five-Year Management Plan*
Regional Partner Group Annual Report*
Mapping and Habitat Assessment*
Development of Solar Powered Riparian Raft Aerators*
Chef Creek Side Channel Development*
Brooklyn Creek Stewardship Initiatives
Smolt 2000
Baynes Sound Off-Channel Assessment
Heydon Creek Enumeration Fence



Central Island Fisheries Renewal Partnership

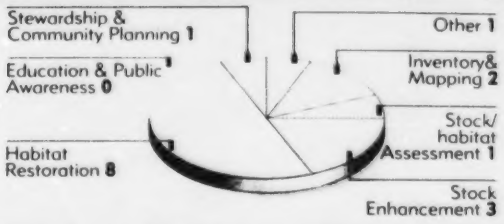
Nanaimo

Community Fisheries Development Centre of Nanaimo

PARTNERS

BC Conservation Foundation
Central Vancouver Island Mapping and Inventory Society
Englishman River Streamkeepers Society
Halalt First Nation
Lasqueti Island Streamkeepers Society
Marion Baker Creek Hatchery Society
Parksville-Qualicum Fish & Game Association
Chemainus First Nation
Ko'pthut Society
Nanoose First Nation
Qualicum First Nation
Snuneymuxw First Nations
Islands Trust
Craig Creek Coho Project
Georgia Basin Ecological Assessment and Restoration Association
Lasqueti Fishery/Forestry Renewal Society
Mid-Vancouver Island Habitat Enhancement Society
Mount Arrowsmith Biosphere Foundation
Nanaimo Area Land Trust
Project 2000
Nile Creek Enhancement Society
Nu-Creek Developments Ltd.
Pacific Gillnetters Association
Qualicum Beach Streamkeepers Society
United Fishermen & Allied Workers' Union-CAW
City of Nanaimo
Powell River Regional District
Timber West Forest Products Ltd.
Community Concepts
West Coast Trollers' Association
Ladysmith Sportsmen's Association
Department of Fisheries, Malaspina College
Park Advisory Committee
Nanoose Streamkeepers Society

Environmental Account — Total: 16 Projects



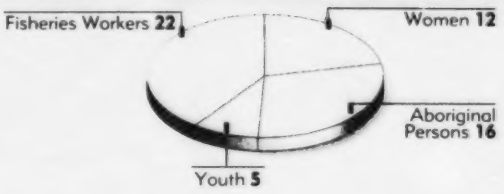
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributic (estimated
290,000	228,401	518,401	143,845

Economic Development Account

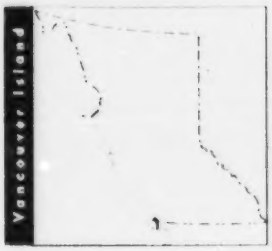
Jobs Created #/person-days	Volunteer Contribution #/person-days
85/2,516	58/1,112

Equity Account



PROJECTS

Bush Creek Hatchery Upgrade
Grandon Creek Culvert Modification
Project 2000. Phase II
Chase River Habitat Restoration Projects
Englishman River Side-Channel Development
Wemer Creek Habitat Improvements
Nanoose IR Foreshore and Freshwater Habitat Restoration & Enhancement
Halalt First Nation Salmon Enhancement Program: Bonsall Creek
Bush Creek Hatchery Incubation Upgrade
Nanaimo River Delta Salmonid Passage and Habitat Restoration
Chase River Salmonid Habitat Restoration and Enhancement
Shores Drive Culvert Replacement
Mapping and Inventory: Nanaimo Regional District Electoral Area A+H
Stewardship Monitoring of Intertidal Habitats
Stream Complexing and Barrier Removal at Hunt's Creek
Partnership Capacity Building*



Cowichan Fish and Habitat Renewal Board

Duncan

Cowichan Tribes

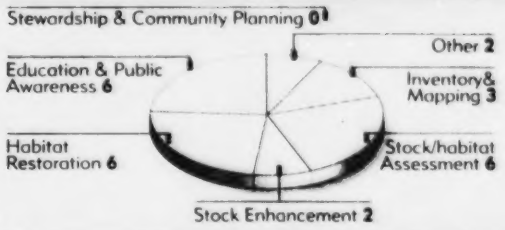
PARTNERS

Cowichan Fisherman's Association
UFAWU/CAW
Steelhead Society
Community Futures Development Corporation
Cowichan Agricultural Society
Rod and Gun Club
Somenos Marsh Wildlife Society
Lyackson First Nation
Chemainus First Nation
Representatives from the Commercial Sports' Fishery
Cowichan Harbour Authority
Ladysmith Harbour Authority
Cowichan Fly Fishers
Cowichan Watershed Council
MacMillan Bloedel
Cowichan Valley Naturalists
Lake Cowichan First Nation
Halalt First Nation
Malahat Band

PROJECTS

Four Side channels Restoration-Phase One
Bonsall Creek, Riparian Restoration and Signage
Norrie Creek Wild Stock Enhancement Project
Bush Creek Habitat Project
Quamichan Lake Cutthroat Trout Spawning Habitat Improvement
Averill Phase 1: Juvenile Access Improvement
Oliver Creek Juvenile Access Improvement and Cover Upgrade
Robertson Sidechannel Restoration Part 1: Initial Excavation
Garnett Creek Habitat Assessment and Mapping
Swordfern Creek Habitat Restoration

Environmental Account — **Total: 25 Projects**



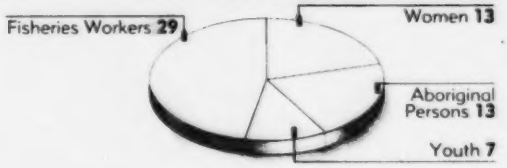
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributi (estimatec
348,290	23,597	371,887	83,951

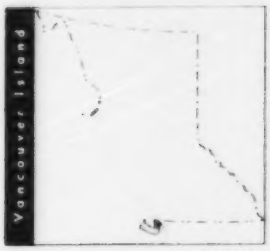
Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
93/1,646	99/279

Equity Account



Signing, Beverly St. Footbridge
Survey of habitats, potential food, and remediation requirements in juvenile chinook nursery areas of the Cowichan Estuary
Youth Streamkeeper Awareness Program
Cowichan Lake and River Fisheries Development Project
Production Plan
Swordfern Sign
Somenos Marsh Video
Cowichan Tribe Video
Public Speakers Tour
Bush Creek
Kuper Island Streams Inventory
Production Plan Update
Spawning Stock Assessment
Garnett Creek



South Island Aquatic Stewardship Society

Sooke

T'Sou-ke First Nation

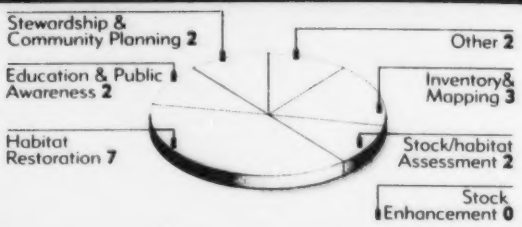
PARTNERS

Amalgamated Conservation Society
Watership Foundation
Area G Trollers
Camosun College
Community Fisheries Development Centre
Coastal Environmental Restoration Cooperative Association
Goldstream Volunteer Salmonid Enhancement Association
South Vancouver Island Streamkeepers
Ganges Fishermen Association
Island Streams and Salmon Enhancement Association
Waterose Environmental Consulting
Friends of Bowker Creek
Hamly Environmental Technology
Burnside Gorge Community Association
Native Brotherhood of British Columbia
United Fishermen & Allied Workers Union
Pacheedaht First Nation
Tseycum Creek/Hagan Creek Enhancement Society
Sooke Renfrew Forest Society
Sooke Salmon Enhancement Society
Vancouver Island Agriculture
Colquitz Watershed Stewardship/Greater Victoria Schools
Esquimalt Anglers Association
Society for the Protection of Ayum Creek
Sidney Anglers
University of Victoria
Sea Change Marine Conservation Society
AMW Consulting

PROJECTS

North Saanich Stream Mapping
Quicks Bottom Management and Restoration Plan
Stream Steward Network
Proposal for a 12 Month Water Quality Baseline Study for Nutrient Enhancement

Environmental Account — **Total: 18 Projects**



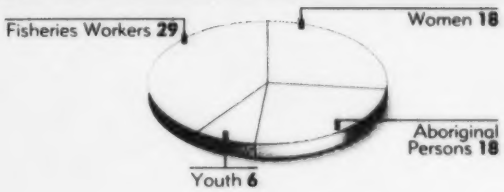
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributi (estimatec
409,940	45,662	455,602	118,276

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
83/2,112	104/309

Equity Account



Matheson Creek Improvement Study
Fish Habitat Signage Program for Southern Vancouver Island
Lower San Juan Off-Channel Habitat Development Project
Sooke Watershed Habitat Surveys and off-channel Habitat Reconnaissance
Maintenance/Repair to Goldstream Spawning Channel
South Island Nearshore Salmon Habitat Stewardship
Stream and Riparian Enhancement in Centennial Park
Reay Creek Coho Project
Saltspring Watershed Restoration
Orveas Creek Restoration Project
Tod Creek Fishway
Sooke River Headwater Stocking Planning and Assessment
Chinook Coded Wire Tag (CWT) Recovery Project
Strategic Plan for the South Island Aquatic Stewardship Society (SIASS)

North Coast Fisheries Renewal Council

Prince Rupert

Community Fisheries Development Centre – Prince Rupert

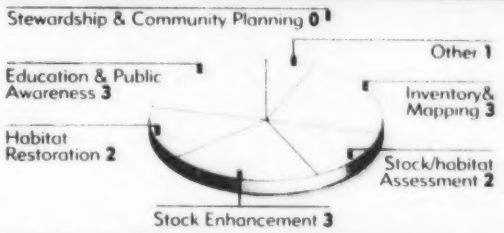
PARTNERS

Tsimshian Tribal Council
Native Brotherhood of B.C.
United Fishermen and Allied Workers Union
Northern Gillnetters Association
Northern Trollers Association
Northern Native Fishing Corp.
Prince Rupert Vessel Owners Association
Prince Rupert Salmon Enhancement Society
Prince Rupert Recreational Fish
Municipality of Prince Rupert
Municipality of Port Edward
Skeena Queen Charlottes Regional District
Oona River Community Association
Chatham Sound Charters
Metlakatla
Hartley Bay
Kitkatla
Lax kw'alaams
Kitasoo
Kincolith
Kitsumkalum
Chamber of Commerce
B.C. Deep Sea Fishermen's Union
Fisheries and Oceans Canada

PROJECTS

North Coast Stream Inventory Program
Oona River Hatchery Project
Morse Creek Culvert Repair
Morse Creek Hydrological Study
Morse Creek Public Awareness
Juvenile Coho Salvage
Shaw and Porcher Creek Feasibility Study
Kloiya Creek Chinook Enhancement
Student Streamkeeper Program
NCFRC Public Awareness*
Skeena River Fisherman's Log Book Program*
Indicator River Project*

Environmental Account — Total: 14 Projects



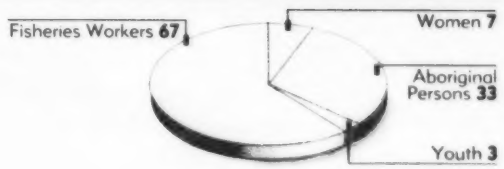
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributi (estimated
560,000	175,352	735,352	72,307

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
94/2,733	24/445

Equity Account



Northwest Watersheds Resource Council

Terrace

16/37 Community Futures Development Corporation

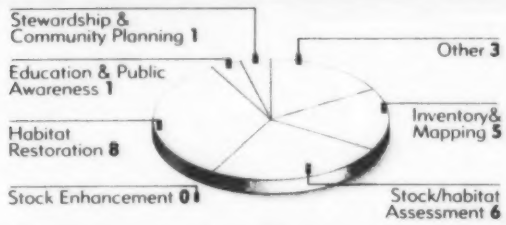
PARTNERS

Kitamaat Village Council
Terrace Salmonid Enhancement Society
Kitsumkalum Band Council
Northwest Community College
Northwest Watershed Enhancement Society
Skeena Cellulose Ltd.
North West Branch of Steelhead Society of B.C.
Sierra Club
Fisheries and Oceans Canada
Gitksan and Wet'suwet'en Watershed Authorities
Gitanyow Fisheries Authority
Gitsegukla Economic Development Society
Suskwa Restoration Society
Kispiox Watershed Protection Coalition
District of Stewart
North Kalum Co-op

PROJECTS

Daudet Creek Stream Restoration
Kitimat River Off-channel Monitoring and Survey
Juvenile Coho Synoptic Study
Data Gap Proposal Project
Anderson Creek Assessment and Design
Beaver Literature Search
Gauging Stations Install and Monitoring
Juvenile Chinook Assessment Kincolith*
Kispiox Counting Fence Kispiox River Tributaries*
Kitsegukla River South Enumeration and Habitat Mapping
Suskwa River Coho Recovery

Environmental Account — Total: 24 Projects



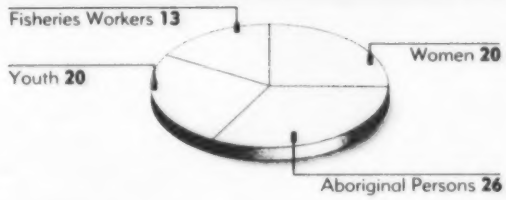
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kinc Contributi (estimate
490,000	47,535	537,535	89,652

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
74/1,281	18/95

Equity Account



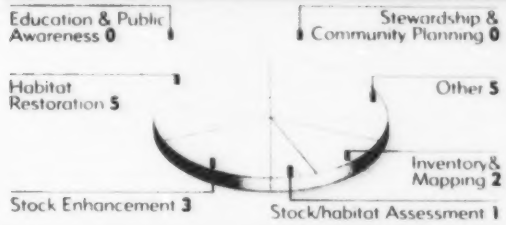
Kitwanga River Salmon Stock/Habitat Restoration
Upper Kispiox Watershed Assessment
Bear River Overview Assessment
Bear River Fisheries Ecosystem Interpretive Trail
McKnight Creek Habitat Restoration
Kalum Lake Spawning Channel Large Woody Debris Removal
Restoration of Access to Howe Creek*
Greenville Creek Tributary Restoration*
Comeau Creek Stream Enhancement
Ripley Creek Habitat Assessment
Comeau Creek Fish and Fish Habitat Inventory
Kitseguecla River Juvenile Coho Synoptic Survey
Unnamed Creek Habitat Restoration Project
Watershed Priorities and Data Collection, Compilation and Report Training*

Haida Gwaii Marine Resources Group Society

Masset

Haida Gwaii Marine Resources Group Association

Environmental Account — Total: 16 Projects



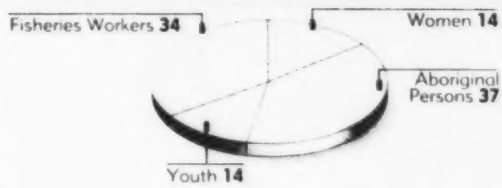
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributio (estimated
330,000	198,482	528,482	92,706

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
106/2,825	36/158

Equity Account

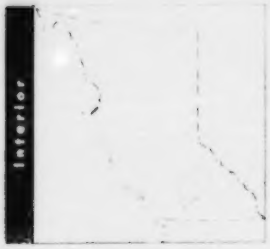


PARTNERS

Graham Island Advisory Planning Commission
Moresby Island Management Committee
Queen Charlotte/Skidegate Landing Management Committee
Council of the Haida Nation
Village of Masset
Old Masset Village Council
Skidegate Band Council
Village of Port Clements

PROJECTS

Malard Creek Step Pool Maintenance
Bridge Funding for Tlell Watershed Society Administration
Coordinator for the North Graham Island Streamkeepers
Evaluation of Fish Habitat Assessment and Restoration Procedures – Skidegate Inlet and West Skidegate Channel
Silt Removal, Monitoring and Assessment for the Pallant Creek Hatchery Coho Expansion*
Mike Laurie Hatchery Site Enlargement
Fishway Improvement – Coates Creek
Chinukundl Landslide and Riparian Restoration
Yakoun River Watershed Soil Bioengineering/Streambank Restoration
Intertidal Complexing at Rennie and Froese Creeks
Rennell Sound Riparian Treatments
Pallant Creek Hatchery Expansion
Government/Jiinanga Creek Watershed Assessment Phase 2*
Reconnaissance Fish and Fish Inventory – Tlell River Watershed*

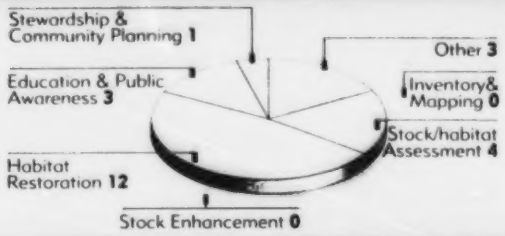


Thompson Basin Fisheries Council

Kamloops

Shuswap Nation Fisheries Commission

Environmental Account — Total: 23 Projects



Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kin Contribut (estimate
680,000	475,632	1,155,632	130,02

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
129/1,784	88/131

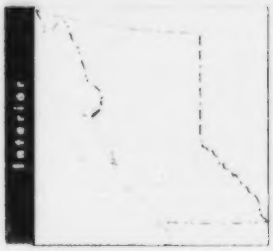
Equity Account

PARTNERS

Nicola Watershed Stewardship and Fisheries Authority
Steelhead Society of British Columbia
Okanagan Nation Fisheries Commission
Skeetchestn Band
Kingfisher Environmental Interpretative Centre
Federation of Drift Fishers
Thompson River Flyfishers Association
Okanagan Nation Fisheries Commission
British Columbia Wildlife Federation
British Columbia Federation of Fly Fishers
Adams Lake Band
Eagle River landowner
Fisheries and Oceans Canada
Ministry of Environment, Lands, and Parks - Fisheries Branch

PROJECTS

Bessette Creek Riparian Restoration
Coho Salmon Enumeration on Bessette, Ireland, and Bolean Creeks and on Salmon River
Salmon River Roundtable Streambank Restoration
Fish Habitat, Stream Channel & Riparian Restoration on Sinmax Creek
Fortune Creek Restoration Works
Fish Habitat, Stream Channel & Riparian Restoration on Hiuihill Creek
Shuswap Lake Foreshore Protection and Stewardship
Douglas Lake Kokanee Restoration*
Upper Nicola River Habitat Restoration, Phase 2
Upper Nicola River Summer Plant Watering and Maintenance
Coldwater River Coho Fence Engineering and Design
Deadman River Stream Restoration
1999 Chinook and Coho Spawner Aerial Enumeration
Deadman Resistivity Counter – Video Validation.
Raft River Stream Restoration
Kamloops Indian Band Selective Fisheries project.
Contract Evaluation and Monitoring
Salmon River Water Quality/Quantity Monitoring
Kingfisher Creek Restoration Works
Louis Creek Stream Bank Restoration
Thompson Basin Streamkeepers Program



Cariboo Chilcotin Fish Enhancement Society

Williams Lake

Quesnel River Enhancement Society

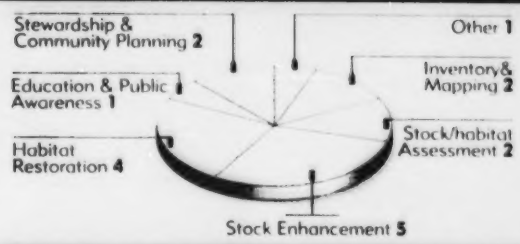
PARTNERS

Williams Lake Indian Band
Soda Creek Band
Williams Lake Timber Supply Area Association
Cariboo Tribal Council
Likely and District Chamber of Commerce
Cariboo-Chilcotin Fly Fishers Club
Quesnel River Watershed Alliance
Lhatako Indian Band

PROJECTS

Big (Gustafson) Lake Community Education Project
Chimney Creek Fish Spawning Beds No. 2
Xeni Gwet'in Fisheries Management*
Cottonwood/Swift River Phase 1
Suspended Sediment and Stream Temperature in the Horsefly River Watershed
Inventory of Inventories
Projects on Private Land in the Horsefly Watershed
Community Based Watershed Stewardship
Quesnel River Chinook Enhancement
Hilda Lake Enhancement*
Dog Creek Habitat Enhancement
Irrigation Water Diversion Survey
Barren Lake Development Project*
Horsefly Watershed Reports
Habitat Restoration in the Horsefly Watershed*
Sellars Creek*

Environmental Account — Total: 17 Projects



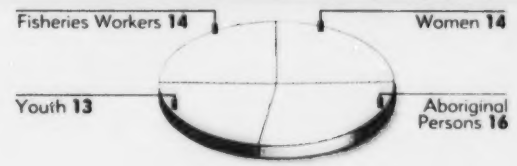
Financial Account

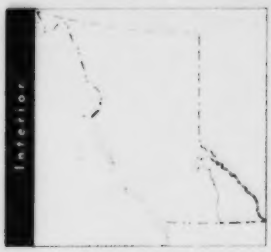
Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributic (estimated
461,220	43,193	504,413	40,747

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
41/2,422	32/1,333

Equity Account





Columbia-Kootenay Fisheries Renewal Partnership

Cranbrook

Ktunaxa-Kinbasket Tribal Council

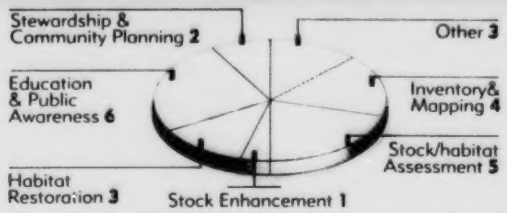
PARTNERS

Trail Wildlife Association
Columbia Basin Trust
East Kootenay Environmental Society
Slocan Valley Watershed Alliance
Ministry of Environment, Lands, and Parks
Columbia Basin Fish and Wildlife Compensation Program
Canadian Columbia River Inter-tribal Fisheries Commission

PROJECTS

Norns Creek Rearing and Spawning Habitat Enhancement
Murphy Creek Side-Channel Intake Modifications
Mutton Creek Diversion
West Arm Kootenay Lake Kokanee Enhancement
Salmo Watershed Bull Trout Telemetry Study
Tonkawatla River Habitat Improvement
Mark Creek Revitalization Initiative
Slocan Lake Limnological Assessment
Strategic Planning Project*
Community Stewardship Support
Bonanza Creek Watershed Spawner Assessment
Windermere Creek Watershed Restoration
Joseph Creek Restoration
Kinbasket Reservoir Bull Trout Radio Telemetry*
Salmo Watershed Coarse Fish Inventory

Environmental Account — Total: 24 Projects



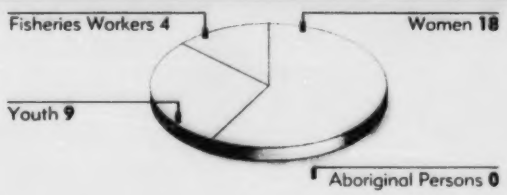
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributi- (estimatec
420,000	105,869	525,869	56,542

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
75/915	151/307

Equity Account



Mobbs Creek-Lardeau River Confluence*
Stewardship Program for Landowners
Slocan Environment Project
Developing Community Education and Stewardship in the Lussier Watershed
The River Speaks: River Art 2000*
Columbia Basin Reservoir Workshop
Illecillewaet River Watershed Atlas
Joseph Creek Environmental Awareness*

Okanagan-Similkameen-Boundary Region Partnership Group

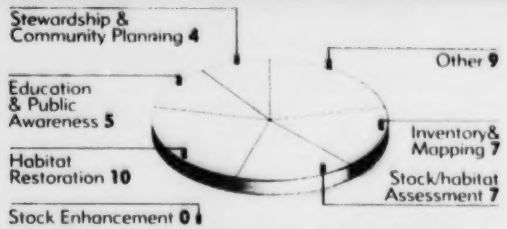
Penticton

Community Futures Development Corporation of Okanagan-Similkameen

PARTNERS

Grand Forks Wildlife Association
Kelowna & District Fish & Game Club
Princeton Fish & Game Association
Peachland Sportsman's Association
Vernon Fish & Game Club
South Okanagan Sportsmen's Association
Kalamalka Flyfishers
BC Lakes Stewardship
Osoyoos Wildlife Federation
Summerland Sportsman's Association
Keremeos-Cawston Sportsmen Association
Penticton Flyfishers Club
Black Mountain Sportsman Association
Armstrong Fish & Game Club
Federation of BC Naturalists
Okanagan Indian Band
Penticton Indian Band
Upper Similkameen Indian Band
Colville Tribes
Westbank Indian Band
Osoyoos Indian Band
Lower Similkameen Indian Band
Ministry of Environment, Lands and Parks – Kamloops
Fisheries and Oceans Canada – Kamloops
Central Okanagan Regional District
Regional District of Kootenay/Boundary
Town of Osoyoos
Village of Okanagan Falls
Village of Hedley
City of Kelowna
City of Vernon
Town of Midway
Municipality of Summerland
Ministry of Environment, Land and Parks – Penticton
North Okanagan Regional District
Regional District of Okanagan/Similkameen
Okanagan Basin Water Board
Town of Oliver
Village of Keremeos
Town of Princeton

Environmental Account — **Total: 42 Projects**



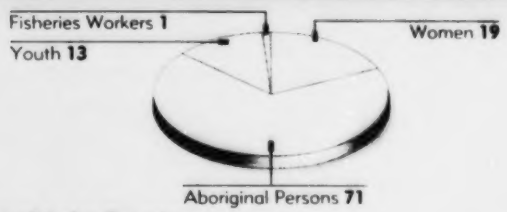
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributic (estimated
609,997	282,194	892,191	117,992

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
173/1,578	69/254

Equity Account



District of Lake Country
Town of Grand Forks
Municipality of Peachland

PROJECTS

Compilation of Aboriginal Fisheries Information – Okanagan River & Tributaries
A Public Awareness and Educational Initiative
Fish Species Presence and Distribution in the Okanagan Basin
Trout Creek Fish Screen
Ensuring Flows for Fish in Okanagan Lake Tributaries
Mysis Shrimp Harvesting Feasibility
Bellevue Creek Restoration and Stewardship
Lower Mill Creek Watershed Restoration Program
Penticton Creek Kokanee Interpretive Signage Project*
Inkaneep Creek - Developing Prescriptions for Biophysical Work
Kokanee Spawner Enumeration
Monitoring Irrigation Intake Screening Compliance
Okanagan Sockeye Spawner Enumeration
Snehumption Creek Assessment, Fencing and Prescription Development
Trepanier Creek Spawning Channel

Feasibility Study
Christina Lake Fisheries Inventory
Shingle Creek Restoration Project
Shingle Creek Kokanee Enumeration
An inventory of non-natural fish barriers in the Okanagan-Boundary-Similkameen-Phase 1.
Mill Creek Interpretative Signage
Fish Habitat and Passage Assessments for Equesis, Nashwito and Whiteman Creeks on the Okanagan Indian Band Reserve
Protection of Rainbow Trout and Riparian Areas at Robinson Creek
Shingle Shatford Riparian Fence
Similkameen Watershed Fisheries and Action Plan
Burnell (Sawmill) Lake Fencing and Riparian Protection Project
Wood Lake Winter Angling Survey/Creel Census
Middle Vernon Creek Stewardship Action Plan
Encouraging Stewardship for Fish Habitat and Water Quality for Osoyoos Lake and the Okanagan River
Fisheries Habitat Restoration – Okanagan River
Kokanee Habitat Enhancement in Lower Mission Creek
Trepanier Creek Spawning Channel Project Plan
Specials Regulations Lakes-Signage Project
Coldstream Creek Restoration Project (Phase 1)
Watershed Restoration Information Summary
Temporary Crossings
Snehumption Creek Lower Reach Assessment/Rehabilitation and Fencing
Penticton Creek Resting/Leaping Pool Project
Urban Referral Compliance Evaluation
Inkaneep Creek Fish and Fish Inventory

Rivers and Smith Inlet Partnership Group

Rivers Inlet Restoration Society

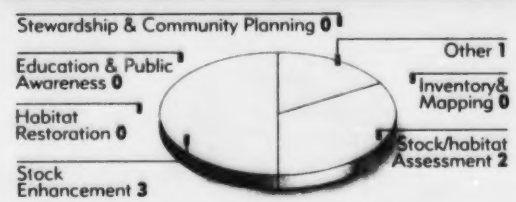
PARTNERS

Western Forest Products
Oweekeno Nation
Interfor
Rivers Inlet/Hakai Pass Sport Fishing Association
Department of Fisheries and Oceans

PROJECTS

Wannock River Fishwheel Operations Project
Feasibility Study and Cleanup Oweekeno Nation Hatchery Site*
Feasibility Study and Repair to the Ambach (Quap) Counting Fence*
Chuckwalla River Road Clearing Completion
Owikeno Lake Fall Sockeye Augmentation Program*

Environmental Account — Total: 6 Projects



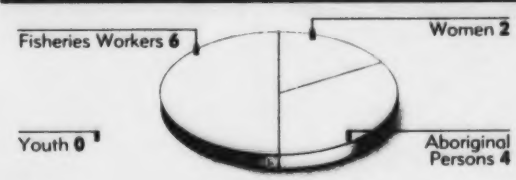
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kin Contribu (estimat
253,987	0	253,987	0

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
10/216	0

Equity Account



Central Coast Partnership Group

Bella Coola

Community Futures Development Corporation of the Cariboo Chilcotin

PARTNERS

Central Coast Chamber of Commerce
Nuxalk Nation
Central Coast Regional District
Ocean Falls Improvement District
Heiltsuk Nation
Bella Coola Rod and Gun Club
United Fishermen and Allied Workers' Union/Canadian Auto Workers local #27
Central Coast Fishermen's Protective Association
Central Coast Economic Development Commission

PROJECTS

Bella Coola Coho Project
Emily Lake Hatchery Renovations
Paisla Watershed and the Pond Ecosystems
Ocean Falls Fish Futures*
Artnarko Spawning Channel Project*
Bella Coola Watershed Restoration Project - A*
Baseline Sockeye Enhancement*
Emily Lake Hatchery Renovations Phase II
Trail Clearing and Maintenance
Bella Coola Watershed Restoration Program: Joint Project*
Bella Coola Watershed Restoration Project – B*
Aquatic Environment Information and Decision System for the Central Coast

Environmental Account — **Total 13 Projects**

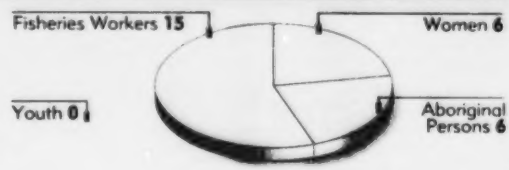
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributio (estimated
409,907	8,679	418,585	10,400

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
19/489	4/10

Equity Account



Sunshine Coast Salmonid Renewal Partnership

Sechelt

Community Fisheries Development Corporation-Sechelt

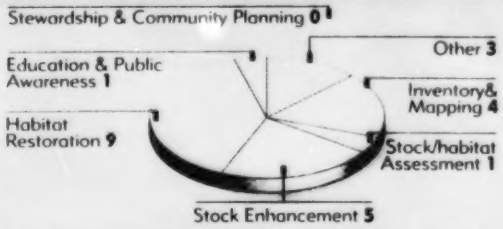
PARTNERS

Community Futures Development Corporation of Powell River
Sliammon First Nation
Sechelt Indian Band – Resource Management Department
Model Community
Commercial Fisherman
CUPE Local 798
MacDonald Remote Sensing
Ministry of Environment, Lands and Parks
Powell River Salmon Society Commercial Fisherman
Sunshine Coast Salmon Enhancement Society
Sports Fishery Advisory Board
Community Fisheries Development Centre – Powell River
Capilano College – Sunshine Coast Campus
Pender Harbour and District Wildlife Society
Gambier Island Streamkeepers
Squamish Nation
Fisheries and Oceans Canada

PROJECTS

Mouat Creek Spawning Channel
Sunshine Coast/Powell River Stream Mapping and Inventory
Powell River Salmon Society (PRSS) Facility and Expansion
Sliammon Stream Survey Training and Assessment
Fish Habitat Enhancement and Rehabilitation
Howe Sound Incubation and Rearing
Mixel Lake Stock Rebuilding
Spawning and Rearing Channel Expansion and Intake
Terminal Coho Fisheries for Sechelt Inlet

ENVIRONMENTAL ACCOUNT — **TOTAL 23 PROJECTS**



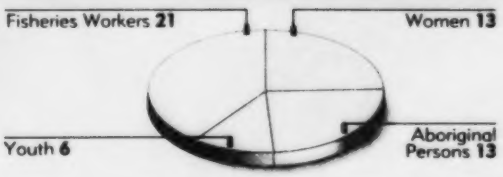
FINANCIAL ACCOUNT

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kin Contribut (estimate
410,000	88,879	498,879	79,40

ECONOMIC DEVELOPMENT ACCOUNT

Jobs Created #/person-days	Volunteer Contribution #/person-days
134/1,509	159/256

EQUITY ACCOUNT



Sensitive Habitat Inventory and Mapping, Phase II
Ouilet Creek Stream Restoration Program
Water, Wetlands and Science, Phase II
Spawning Platforms
Sliammon Chinook Salmon Stock Enhancement Project
Log Road Bridge Removal
Cranby Creek Culvert Replacement
Revegetation of Lang Creek
Kelly Creek Water Monitoring*
Fall Work Crew
Wilson Creek Site "A" Cattle Fence
Protection of Headwaters on Gambier Island
Wilson Creek Site "A" Bank Stabilization

Lower Mainland Regional Delivery Partner Group

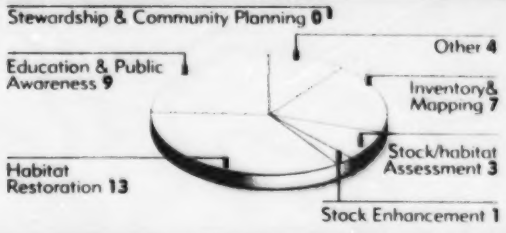
Surrey

Community Fisheries Development Centre-Vancouver

PARTNERS

Abbotsford Stream Conservation Committee
Alouette River Management Society
BC Watershed Stewardship Alliance
Community Fisheries Development Centre – Surrey
Douglas College Centre for Environmental Studies and Urban Ecology
GVRD Parks
Heritage Voting Society
Kanaka Education and Environmental Partners Society
Langley Environmental Partners Society
Pacific Initiatives
Squamish Nation
Steelhead Society of BC
T. "Buck" Suzuki Environmental Foundation
Brittania Heritage Shipyard
Blueways Program, City of Vancouver
Burns Bog Conservation Society
EVS Environmental Consultants
Katzie First Nation
Musqueam Band
Pacific Streamkeepers Federation
River Springs Streamkeepers
Robin Clark & Associates
West Vancouver Streamkeepers
Alliance Tribal Council
BC Conservation Foundation
Community Fisheries Development Centre – Richmond
Community Fisheries Development Centre – Coquitlam
Eagle Creek Streamkeepers
Golden Ears Trail Preservation and Restoration Club
GVRD Parks
High Tide Towing
Kylan Towing
Metis Provincial Council of BC
Seymour Salmonid Society
Steelhead Society Habitat Restoration Corporation
Surrey Parks
UBC Institute for Resources and Environment

Environmental Account — Total: 37 Projects



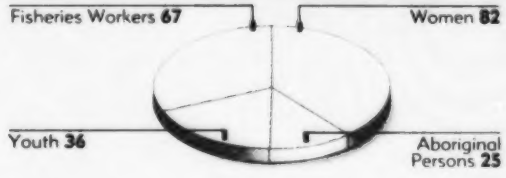
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributio (estimated
289,922	513,683	803,605	546,619

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
310/4,402	536/4,511

Equity Account



United Fishermen & Allied Workers' Union
Delta Chamber of Commerce
Friends of Boundary Bay
North Vancouver Fish and Game
North Shore Streamkeepers
O.W.L. Rehabilitation Society
Richmond Chamber of Commerce
Richmond City Council
Steveston Fisheries Alliance
Stoney Creek Environmental Committee
Scotch Pond Heritage

PROJECTS

Habitat Restoration Enhancement
Coquitlam Watershed Mapping Project
Hoy Creek Pond Enhancement Project
Community Education Facility
Nursery and Environmental Tours for the Community
Stream It
Eagle Creek Education Program
Information Package and Education
South Alouette Adult Enumeration
Burns Bog Stream Inventory and Assessment
Delta Streams Classification
Homestead Habitat Enhancement
Donovan Pond Restoration

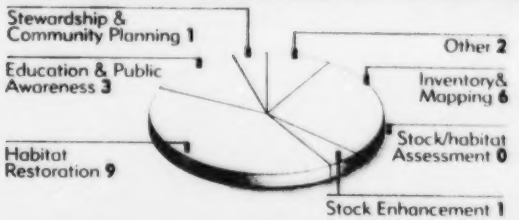
McCartney Creek Salmon Habitat Restoration/ Enhancement/Improvements
Spirit of the Salmon Swim
Streams Ecology Program
AutoCad for Stream Mapping
Water Quality-Nutrient Impacts
Coho Creek Enhancement Project
Spanish Banks Restoration Project
Como Creek Watershed Stream Enhancement Projects
Hyde Creek Restoration
Hoy Creek Habitat Restoration
Stream Restoration and Water Quality/ Quantity Monitoring
Kanaka Water Quality/Quantity
Nursery Planting and Prescription Services Project
Lower Yorkson Creek Off-channel Riparian Planting
Bertrand Creek Agricultural Project
Watershed Pledge Program
River Reviva – The China Creek Project
Templeton Mini School Streamkeepers
Delta Nature Reserve Riparian Enhancement Program
Steveston Island Estuary Cleanup and Restoration
Delta Streams Classification
Salmon River Mapping

Fraser Valley Regional Watersheds Coalition

Mission

Community Futures Development Corporation of North Fraser

Environmental Account — Total: 22 Projects



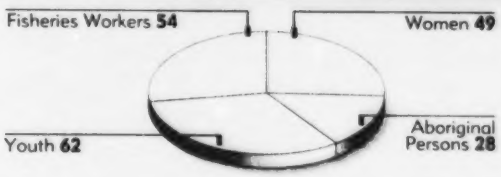
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributio (estimated
530,000	384,952	914,952	321,889

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
161/7,032	138/1,953

Equity Account



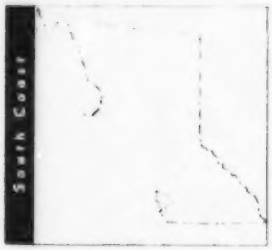
PARTNERS

Abbotsford Soil Conservation Association
Agassiz/Harrison Mills Drainage Committee
Alouette River Management Society
BC's Wild Heritage
British Columbia Watershed Stewardship Alliance
Carmanah Research
Cheam First Nation
Chilliwack Community Correctional Centre
Chilliwack River Action Committee
City of Abbotsford
Cochrane Construction
Community Fisheries Development Centre – Surrey
Community Fisheries Development Corporation of Sun Country
District of Mission
Fish in Need Society
Fraser River Selective Harvest Guild
Fraser Valley Outdoor Adventures
Fraser Valley Regional District
Harrison Building Bridges Community Enhancement Society
Inch Creek Hatchery
Kent Outdoor Sports
Langley Environmental Partners Society
Marshall Creek Streamkeepers
Ministry of Environment, Lands and Parks
Mission School District #75
Northwest Naturescapes
Scowlitz First Nation
Skwah First Nation
Soowahlie First Nation
Stave Valley Salmon Enhancement Society
Sto:lo Development Corporation
Sto:lo Nation
Vedder River Habitat Society
Watershed Alliance of Chilliwack
Yale First Nation
Acer Environmental Contracting
Aggregate Producers Association of BC
BC Hydro
British Columbia Conservation Foundation
Canadian Forest Products
Cascade Contracting Ltd.
Central Valley Naturalists
Chehalis First Nation
Chilliwack Hatchery
Chilliwack River Valley Ratepayers Association
CEJ Mussell Enterprises Inc.
Fisheries and Oceans Canada
District of Chilliwack
Environment Canada
Fraser Basin Council
Fraser River Fishermen Society
Fraser Valley Salmon Society
Fred's Custom Tackle
Hope/Fraser Canyon Community Development Society
IWA Canada
Lakahahmen First Nation
Maritime Labour Council
McConnell Creek/Hatzic Prairie Ratepayers Association
Ministry of Fisheries
Robin B. Clark Inc.
Seabird Island First Nation
Skway First Nation

Squamish River Watershed Society
Steelhead Society Habitat Restoration Corporation
University College of the Fraser Valley
Village of Harrison Hot Springs
Western Economic Diversification
Yale First Nation Fisheries Stewardship Authority

PROJECTS

Yale Fishwheel Chinook Partnership Program
Fraser Canyon Cleanup
Cheam Lake Watershed Inventory and Mapping Project*
Watershed Education for the Central Fraser Valley
Operation Creeksave
Nicoamen Watershed SHIM and Strewardship Training Project
Fishery Sensitive Zone Identification and Mapping in the City of Abbotsford: Phase 2
Stave River 1999/2000 program
Upgrading Slesse Park Clay Bank Berm: Stage 2
Chilliwack /Vedder Watershed Small Stream and Side Channel Survey: Phase 2
Salmonid Habitat Resource Project
Large Woody Debris Construction on the Chilliwack River
Wind Abatement and Related Riparian and Habitat Planting-Sumas Drainage Canal
Further Stabilization of Slesse Park Clay Slide
Chilliwack /Vedder Watershed Small Stream and Side Channel Restoration
Mission Indian Friendship Centre Youth Centre Adopt a Creek
Water Quality Survey of Abbotsford's Threatened Urban Streams
Nursery Planting and Prescription Services Project
Chilliwack/Vedder Watershed Signage and Education Program



Squamish/Lillooet Rivers Watershed Partnership Group

Squamish

Squamish River Watershed Society

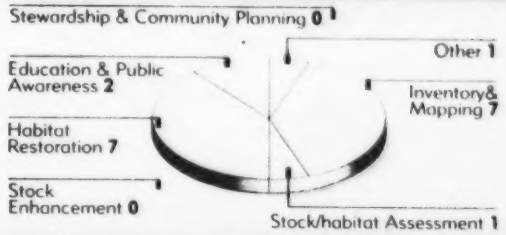
PARTNERS

Pemberton Sports and Wildlife Association
Mt. Currie Indian Band
Resort Municipality of Whistler
Community Fisheries Development Centre
Fisheries and Oceans Canada
Ministry of the Environment, Lands and Parks
Squamish Nation
District of Squamish
Squamish Estuary Conservation Society
Pacific Streamkeepers Federation

PROJECTS

Ashlu Creek Salmonid Habitat Public/Awareness*
Shop Creek Side Channel Development and Construction*
Upper Lillooet and Birkenhead Stream Enhancement
North Vancouver Outdoor School Boardwalk and Instream Complexing
Birkenhead River and Blackwater Creek Enhancement
Lakeside Creek/Scotia Creek/Millar Creek Rehabilitation; River of Golden Dreams Enhancement
Sampson Creek Monitoring
Birkenhead River Salmon Restoration Project
Mount Currie Slough Assessment Project
Inventory of Existing Watershed Related Projects within the Soo Forest District
North Vancouver Outdoor School Habitat Improvements 1999

Environmental Account — **Total: 18 Projects**



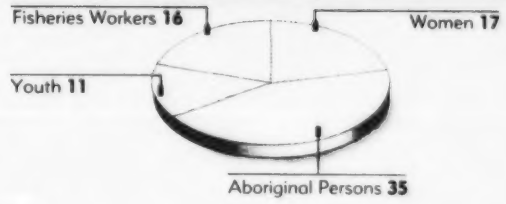
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributio (estimated
229,500	149,310	378,810	72,804

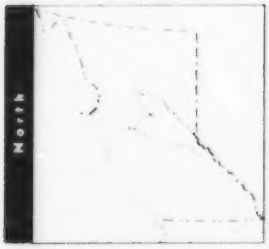
Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
79/920	20/146

Equity Account



Squamish River Estuary Marsh Transplant
Bowen Island SHIM Inventory Project
Stream Classification, spawning monitoring and interpretive education
Elaho River Reconnaissance Fish Inventory Project
Peq Creek
Mount Currie Slough Beaver By-Pass



Upper Fraser and Nechako Fisheries Council

Prince George

Prince George Nechako Aboriginal Employment and Training Association

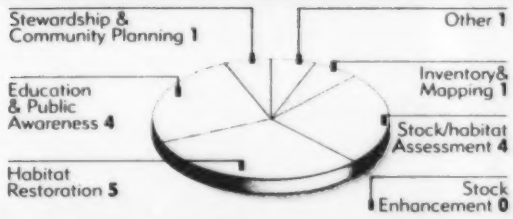
PARTNERS

Northwood Pulp and Timber Limited
Canadian Forest Products Limited
Slocan Forest Products Limited
Lheidli T'enneh Band
Carrier Sekani Tribal Council
McBride Municipal Representative
Zeidler Brothers
Lakeland
Nechako Environmental Coalition
North Central Guide Outfitters Association
Prince George Municipal representative
Vanderhoof Municipal representative
Fort St. James Municipal representative
Ministry of Environment, Lands and Parks
Fisheries and Oceans Canada
Spruce City Wildlife Association
Prince George Community Futures Association

PROJECTS

McMillan Creek Public Education Program
Chilako River Integrated Riparian & Bank Restoration Project
Chilako River Stranding Surveys & Off-Channel Habitat Development
Freshwater Fisheries Inventory & Stocking Assessment
Assessment of Upper Fraser Sturgeon
Preliminary assessment of Upper Fraser Bull Trout
Sowchea Creek Rehabilitation Project*

Environmental Account — Total: 16 Projects



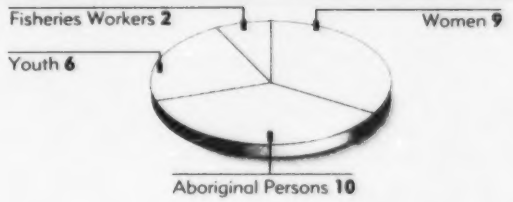
Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Ki Contribu (estimat
420,000	172,472	592,472	106,2

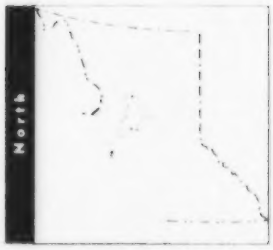
Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
22/714	46/130

Equity Account



Pitka Creek Rehabilitation Project*
Upper and Lower Nahounli Creek Project
Upper Nahounli Creek Level 1 & 2 Fish Habitat Assessment and Site Rehabilitation
Goat River
Lake Entomology
Chilako Agriculture/Fisheries Extension Project
Nadina Channel*
Kenneth Creek
Nahounli Creek Extension*
Strategic Plan
Cottonwood Island



Bulkley Morice Salmonid Preservation Group

Houston

Community Futures Development Corporation of Nadina

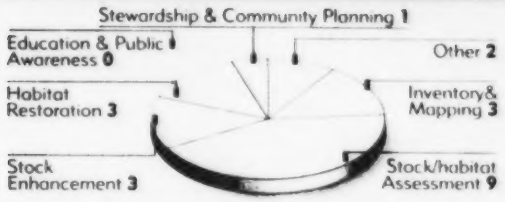
PARTNERS

Chicago Creek Community Environmental Enhancement Society
Upper Bulkley River Roundtable
Dze L K'ant Friendship Center
Toboggan Creek Salmon and Steelhead Enhancement Society
Fisheries and Oceans Canada
Waterfall Creek Stream Rehabilitation
Wet'suwet'en Hereditary Chiefs
Steelhead Society of BC

PROJECTS

Spring Steelhead Assessment Fence
Mission Creek Coho Fence
Chicago Creek Hatchery (Completion)
Mission Creek Stream Survey 1999-2000
Bulkley River Watershed Water Quality Study 1999-2000
Overwintering Habitat Study: Morice River
Bulkley River Watershed Overwintering Study 1999-2000
Steelhead Enumeration Project
Bulkley Morice Steelhead Stock Assessment Project
Toboggan Creek Beaver Project
Chicago Creek Hatchery (Operations)
Fish Habitat, Riparian and Channel Assessment for Select Central Bulkley River Tributaries
Seymore Creek Fish Habitat and Riparian Assessment
Bulkley Morice Watershed Library

Environmental Account — Total: 21 Projects



Financial Account

Fisheries Renewal BC Approved Investments	Other Investments($)	Total Investments ($)	In-Kind Contributio (estimated
529,870	108,684	638,554	201,022

Economic Development Account

Jobs Created #/person-days	Volunteer Contribution #/person-days
104/2,262	85/422

Equity Account

Index of Biological Integrity: A Tool for Monitoring and Assessing Stream Health
Upper Bulkley River Roundtable Pilot Riparian Restoration Projects
Toboggan Creek Creel Survey 1999-2000
Bulkley Forest District Riparian Management
Skeena Salmon Fisheries
Dahlie Creek Stream Assessment
Central Bulkley Education Stewardship Initiative
Data Logger for Salmon Enumeration Project*

Summary of investments by Fisheries Renewal BC's Development & Diversification Program 1999/2000 (number of projects = 48)

PROJECT	LEAD PROPONENT	PROJECT LOCATION	FISHERIES RENEWAL BC INVESTMENT ($)*	TOTAL PROJECT INVESTMENT ($)*
MARKETING				
New Packaging	Coast Select Smokehouse	Vancouver Is.	5,200	14,500
Marketing	Eastern Squid Association	Provincial	16,000	40,000
Domestic Marketing	Salmon Marketing Council	Provincial	126,500	306,500
Sub Total			**147,700**	
NEW FISHERIES				
Halibut Ponding	Dorcas Point Farms	Vancouver Is.	72,000	591,000
Tanner Crab Fishery Development	West Coast Sustainability Association	Provincial	150,000	2,185,000
Mysis Shrimp Marketing	Frontier Seafoods	Vancouver	14,000	36,500
Halibut Ponding	Dorcas Point Farms	Vancouver Is.	36,000	327,000
Sablefish Ponding	Legacy Fish Products	Vancouver Is.	26,100	153,800
Sub Total			**298,100**	
NEW PRODUCTS				
Added Value	Chatham Sound Seafoods	North Coast	50,000	210,000
Marinated Chum Portions	Agrimarine Processors	Vancouver Is.	50,000	263,600
Export Market Preparation	Hardy Buoys	Vancouver Is.	60,000	257,900
Crab Pasteurization	Opportunity Traders	Vancouver	43,000	107,500
Specialty Filleting	Walcan Seafoods	South Coast	100,000	1,325,000
Value Added Canned Products	St. Jean's Cannery	Vancouver Is.	65,000	165,100
Value Added Frozen Products	Orca Specialty Foods	Vancouver	100,000	280,000
Salmon Rolls	Ocean Deli Ltd.	Vancouver	75,000	433,600
Value Added Products	Pacific Salmon Industries	Vancouver	70,000	487,800
Flakes of Salmon	McMillan Fisheries	North Coast	100,000	530,300
Value Added Groundfish Products	Pacific Seafood International	Vancouver Is.	60,000	151,800
Pilchard Value Adding	River Seafoods	Vancouver	32,000	80,000
Value Added Oysters	Glacier View Seafoods	Vancouver Is.	34,000	85,000
Flavoured Salmon Roe	Hi-To Fisheries	Vancouver	16,000	66,300
Sub Total			**855,000**	
SELECTIVE FISHING				
Mysis Shrimp	Piscine Energetics	Okanagan	6,000	5,600
Shrimp By-catch	Norzone Fishing Ltd.	Vancouver Is.	13,000	81,100
Neutral Buoyancy Cage	Area G Trollers	Vancouver Is.	6,500	24,800
Selective Fishery	Bulkley Sports Fish	North Coast	10,000	27,000
Mortality Study	SFI Langara Sports Fish	Provincial	55,000	150,500
Coho Mapping Study	Northern Gillnetters	North Coast	63,000	458,400
Trawl Grid	Groundfish Research	Provincial	8,000	32,200
Fish Wheel	Fraser River Fisherman's Society	Vancouver	15,000	114,000
Sub Total			**176,500**	

PROJECT	LEAD PROPONENT	PROJECT LOCATION	FISHERIES RENEWAL BC APPROVED ($)*	TOTAL PROJECT INVESTMENT ($)*
SHELLFISH AQUACULTURE				
Manila Clam Seed	Limberis Seafood	Vancouver Is.	65,000	179,700
Harvesting Barge	Pearl Seaproducts	South Coast	27,000	67,500
Remote Setting and New Harvester	Ocean Shellfish	Vancouver Is.	61,000	186,000
Growth Study	Kitasoo Manila Clams	Central Coast	40,000	100,300
Urchin Grow Out	Island Scallops	Vancouver Is.	100,000	316,000
Biotoxin monitoring	SQCRD Seafood Office	North Coast	70,700	480,200
Geoduck Hatchery	Innovative Aquaculture	Vancouver Is.	41,700	97,100
Mussel Socking	Island Sea Farms	South Coast	75,000	405,000
Crayfish Aquaculture	M&E Enterprises	Vancouver Is.	50,000	118,900
Geoduck Aquaculture	Fanny Bay Oysters	Vancouver Is.	24,000	88,200
Cockle Aquaculture	Penelakut Indian Band	South Coast	10,000	22,000
Sub Total			**564,400**	
OTHER				
Shrimp Trawl Assessment	Pacific Coast Shimpers	Provincial	34,600	109,200
Pumpout Facility - Education	Comox Valley Watershed	Vancouver Is.	20,000	76,500
Quality videos	Salmon Marketing Council	Provincial	40,000	91,400
Value Added Coordination	BC Seafood Sector Council	Provincial	70,000	290,000
Feasibility Study	Comox Valley Airport	Vancouver Is.	16,000	59,800
Dock Refurbishing	Esquimalt Anglers	Vancouver Is.	17,600	43,900
Wastewater treatment	Port Fish	Vancouver Is.	31,000	88,400
Sub Total			**229,200**	
Total			**2,270,900**	

* Amounts rounded to nearest $100

Summary of investments by Fisheries Renewal BC's Original Renewal Program Ideas 1999/2000 (number of projects = 13)

PROJECT TITLE	ORGANIZATION	FISHERIES RENEWAL BC APPROVED INVESTMENT ($
APPLIED RESEARCH & DEVELOPMENT		
Applied Research and Development Program	Science Council of British Columbia and Institute for Pacific Ocean Science and Technology (IPOST)	300,000
Theodosia Water Assessment Study	Outdoor Recreation Council	50,000
Sub Total		**350,000**
INFORMATION MANAGEMENT & DISSEMINATION		
Continued Support for Fraser River Sturgeon Stewardship Program	Fraser River Sturgeon Conservation Society	100,000
Sub Total		**100,000**
CONFERENCES & WORKSHOPS		
Local Government Advocacy Training workshops for advocacy groups	West Coast Environmental Law Research Foundation	25,000
Sub Total		**25,000**
PUBLIC AWARENESS & EDUCATION		
Living By Water - Phase II - Completion of Guidebook	Federation of BC Naturalists	25,000
Oceanwatch Pacific	School District No. 85	50,000
Sub Total		**75,000**
PUBLIC AWARENESS & RECREATIONAL FISHERIES		
Freshwater Recreational Strategic Planning: Sector, Community and Government Working Together	BC Wildlife Federation	90,000
Sub Total		**90,000**
SHELLFISH DEVELOPMENT		
North Coast Biophysical Capability Study	Seafood Development Office & Skeena Queen Charlotte Regional District	144,000
Environmental Management Plan - Initial Stage	BC Shellfish Growers Association	106,000
Shellfish Development Initiative - Community Consultation on New Tenures	BC Assets and Lands Corporation	160,000
Sub Total		**410,000**
OTHER		
BC Seafood Sensations 2000 Contest	BC Salmon Marketing Council	35,000
An Evaluation of the Feasibility of Establishing License Banks and Community-Based Licenses for British Columbia Fisheries	Coastal Community Network Society	43,000
An Analysis of Federal and Provincial Programs and Services in Place to Support Transition within the Fisheries Sector	Community Fisheries Development Centre Society	15,000
Sub Total		**93,000**
Total		**1,143,000**

* Amounts rounded to nearest $100

Summary of investments by Fisheries Renewal BC's Planning & Partnership Program 1999/2000 (number of projects = 25 total: $218,900)

PROJECT TITLE	ORGANIZATION	LOCATION	FISHERIES RENEWAL BC INVESTMENT ($)*
BUSINESS PLANNING			
Strategic & Business Plan - Pacific Seafoods International Ltd.	Pacific Seafoods International Ltd.	South Vancouver Is.	8,600
Feasibility & Business Plan for Value-Added Products	River Seafoods, Inc./Port Fish (P.A.) Ltd.	Lower Mainland	10,000
Risk Assessment, Feasibility Study Business Plan to Examine the Potential for Production of Salmon Flaked with Chum Salmon	J.S. McMillan Fisheries Ltd.	Prince Rupert	8,400
Pacific Aurora Project	Community Fisheries Development Enterprises Ltd.	Inside Passage	9,700
Sub Total			**36,700**
FEASIBILITY STUDY			
Salmon Interpretation Centre Feasibility Study	Delta Chamber of Commerce	Lower Mainland	12,500
Shellfish Farming Feasibility in the Bella Bella Region	Independent	Bella Bella	10,000
Feasibility Study Seafood Processing Plant - Central Vancouver Island	Vancouver Island Seafood Limited	Central Vancouver Is.	10,000
Feasibility Study to Explore Opportunities for Value-Added Shellfish Processing in Clayoquot Sound	Ma-Mook Development Corporation	Vancouver Is.	10,000
Sub Total			**42,500**
MARKETING			
Cariboo Chilcotin Ardent Anglers: Exporting Freshwater Fishing Internationally	Cariboo Chilcotin Coast Tourism Association	Cariboo-Chilcotin	10,000
Sub Total			**10,000**
PUBLIC AWARENESS/EDUCATION & INFORMATION GATHERING			
Sturgeon Tagging and Stewardship Project	Fraser River Sturgeon Conservation Society	Lower Mainland	9,800
Sub Total			**9,800**
PARTNERSHIP DEVELOPMENT			
Fisheries Renewal BC Partnership Development Process for the Central Coast	Community Futures Development Corporation		23,500
Sub Total			**23,500**

PROJECT TITLE	ORGANIZATION	LOCATION	FISHERIES RENEWAL BC INVESTMENT ($)*
SECTOR - STRATEGIC PLANNING			
Initial Planning and Partnership Building for the Development of a Freshwater Recreational Fisheries Strategy	BC Wildlife Federation	Provincial	10,000
Juan de Fuca Coastal Marine Strategy	Juan de Fuca Community Futures Society	South Vancouver Is.	1,700
Fisheries Development Strategy in Nuu-Chah-Nulth Territory/WCVI	Nuu-chah-nulth/WCVI Regional Aquatic Management Society	West Coast Vancouver Is.	7,400
Sub Total			**19,100**
WORKSHOPS/CONFERENCES			
Educational Workshops on Shellfish Farming	BC Shellfish Growers Association	Provincial	9,000
Maricon 99 Conference	Community Fisheries Development Centre	South Vancouver Isl.	2,000
Seafood Expo 1999	Seafood Development Office, Skeena Queen Charlotte Regional District	Prince Rupert	3,000
16th Annual Meeting of the Aquaculture Association of Canada, October 26-29, 1999	Aquaculture Association of Canada	Victoria	5,600
Selective Fisheries Multi-Stakeholder Workshop	Brookhouse Consultants Inc.	Lower Mainland	10,000
Visions 2000 - Sustaining Salmon Fisheries of the Fraser River: Past, Present and Future	Shuswap Nation Fisheries Commission	Kamloops	6,000
Coastal Community Conference 2000	Coastal Community Network	Provincial	7,500
Sub Total			**43,100**
OTHER			
Professional Marine Training Initiative	Community Fisheries Development Centre	Lower Mainland	6,500
History of Selectivity in the Fraser River Gillnet Fishery	Pacific Employment & Environmental Initiatives Cooperative Association	Lower Mainland	7,600
Forest and Fisheries Tourism Opportunities Study for the Cariboo Region Study Area	Cariboo Chilcotin Coast Tourism Association	Cariboo-Chilcotin	10,000
BC Seafood On-Line Reference Guide	BC Salmon Marketing Council	Provincial	10,000
Sub Total			**34,100**
Total			**218,800**

* Amounts rounded to nearest $100

FISHERIES RENEWAL BC

STATEMENT OF MANAGEMENT'S RESPONSIBILITY

Management, in accordance with generally accepted accounting principles, has prepared the financial statements of Fisheries Renewal BC. These statements present fairly the financial position of Fisheries Renewal BC as at March 31, 2000 and results of operations for the year then ended.

Suite 405 - 960 Quayside Drive
New Westminster, BC V3M 6G2
Telephone 604 660 0939
Toll Free 1 888 467 3639 (GO RENEW)
Facsimile 604 660 0938
Internet www.fishrenewal.gov.bc.ca
mail@fishrenewal.gov.bc.ca

Management is responsible for the preparation, integrity and objectivity of the financial statements. Systems of internal control are developed and maintained by management to provide reasonable assurance that transactions are properly authorized, assets are safeguarded, and financial records are properly maintained to provide a reliable basis for preparation of the financial statements.

The Auditor General of British Columbia has performed an independent audit of the financial statements. The Report of the Auditor outlines the scope of his audit and his opinion on the financial statements of Fisheries Renewal BC.

Paul Kariya
Chief Executive Officer
Fisheries Renewal BC

Ron Faust
Senior Financial Officer
& Corporate Secretary
Fisheries Renewal BC

New Westminster, British Columbia
May 19, 2000

Report of the Auditor General of British Columbia

To the Board of Directors of Fisheries Renewal BC, and

To the Minister of Agriculture, Food and Fisheries, Province of British Columbia:

I have audited the balance sheet of *Fisheries Renewal BC* as at March 31, 2000 and the statements of changes in net assets, operations and cash flows for the year then ended. These financial statements are the responsibility of the Corporation's management. My responsibility is to express an opinion on these financial statements based on my audit.

I conducted my audit in accordance with generally accepted auditing standards. Those standards require that I plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In my opinion, these financial statements present fairly, in all material respects, the financial position of *Fisheries Renewal BC* as at March 31, 2000 and the results of its changes in net assets, operations and cash flows for the year then ended, in accordance with generally accepted accounting principles.

Wayne Strelioff

Victoria, British Columbia
May 19, 2000

Wayne Strelioff, CA
Auditor General

FISHERIES RENEWAL BC
BALANCE SHEET
MARCH 31, 2000

	2000 $	1999 $
ASSETS		
Current assets		
Cash and short term investments (Note 3)	12,579,200	14,437,051
Accountable advances	843,643	818,270
Funding receivable	91,097	–
Prepaid expenses	2,708	–
	13,516,648	15,255,321
Capital assets (Note 4)	104,224	62,385
	13,620,872	15,317,706
LIABILITIES AND NET ASSETS		
Current liabilities		
Accounts payable	4,251,395	3,391,244
Net assets	9,369,477	11,926,462
	13,620,872	15,317,706

Approved by the Board

Joy Thorkelson, Chair

Lynn Hunter

The accompanying notes are an integral part of these financial statements.

FISHERIES RENEWAL BC
STATEMENT OF CHANGES IN NET ASSETS
YEAR ENDED MARCH 31, 2000

	Reserves for funded projects				
	Fisheries Renewal BC funded projects (Note 6)	British Columbia Hydro and Power Authority funded projects (Note 7)	Unappropriated	**2000 Total**	1999 Total
	$	$	$	$	$
Balance, beginning of year	1,369,482	1,106,669	9,450,311	**11,926,462**	7,025,065
Excess (deficiency) of revenues over expenses	–	–	(2,556,985)	**(2,556,985)**	4,901,397
Internally imposed restrictions, during the year	11,280,055	–	(11,280,055)	**–**	–
Externally imposed restrictions, during the year	–	2,065,167	(2,605,167)	**–**	–
Reserve no longer required on 98/99 projects	(374,563)	–	374,563	**–**	–
Program expenditures, during the year	(8,089,234)	(3,711,836)	11,801,070	**–**	–
Balance, end of year	**4,185,740**	–	5,183,737	**9,369,477**	11,926,462

FISHERIES RENEWAL BC
STATEMENT OF OPERATIONS
YEAR ENDED MARCH 31, 2000

	2000	1999
	$	$
Revenues		
Forest Renewal BC	**7,500,000**	7,500,000
British Columbia Hydro and Power Authority	**2,605,167**	5,000,000
Investment income	**753,771**	782,180
	10,858,938	13,282,180
Expenses (Note 5)		
Program	**12,593,370**	7,561,030
Administration	**573,706**	512,423
Corporate governance	**248,847**	307,330
	13,415,923	8,380,783
(Deficiency) Excess of revenues over expenses	**(2,556,985)**	4,901,397

The accompanying notes are an integral part of these financial statements.

FISHERIES RENEWAL BC
STATEMENT OF CASH FLOWS
YEAR ENDED MARCH 31, 2000

	2000 $	1999 $
Sources of cash		
Forest Renewal BC	**7,500,000**	7,500,000
British Columbia Hydro and Power Authority	**2,514,070**	5,000,000
Investment income	**753,771**	782,180
Program repayments	**64,509**	–
Other	**369**	–
	10,832,719	13,282,180
Uses of cash		
Program payments	**11,086,657**	4,899,421
Salaries and benefits	**633,622**	554,063
Professional services	**355,604**	508,245
General administration	**339,473**	352,996
Board fees and expenses	**239,680**	264,622
Capital assets	**35,534**	83,054
	12,690,570	6,662,401
Net increase (decrease) in cash and short-term investments	**(1,857,851)**	6,619,779
Cash and short-term investments at beginning of year	**14,437,051**	7,817,272
Cash and short-term investments at end of year	**$12,579,200**	$14,437,051

The accompanying notes are an integral part of these financial statements.

FISHERIES RENEWAL BC
NOTES TO THE FINANCIAL STATEMENTS
YEAR ENDED MARCH 31, 2000

1. Authority and purpose

Fisheries Renewal BC, a Crown corporation, was established by the *Fisheries Renewal Act* of July 1997. The purpose of Fisheries Renewal BC is to renew the fisheries, promote the protection, conservation and enhancement of fish stocks, restore fish habitat, and strengthen fishing communities for future generations. To achieve this, the corporation has four program areas:

(a) Salmonid Renewal Program

This program is aimed at producing more fish for British Columbians so as to create sustainable employment in the fisheries. It supports program delivery partners to fund and manage projects that enhance wild fish stocks, restore habitat and promote public awareness of the need to work together to renew the provincial fisheries.

(b) Development and Diversification Program

The goal of the Development and Diversification Program is to encourage new ideas that lead to sustainable businesses and jobs, more year-round fisheries work, and stronger fishing communities. Projects under this program will contribute to developing new fisheries or increasing the value of existing fisheries in British Columbia.

(c) Planning and Partnership Program

The Planning and Partnership Program is aimed at building sustainable partnerships with effective planning capacity. Under this program, Fisheries Renewal BC invests in projects that assist communities in developing a collaborative approach to resolving the problems facing our fisheries. This program provides assistance for a range of activities that help groups develop a long-term vision, effective relationships and inclusive planning processes. The program also supports feasibility studies and risk assessments that will have broad-based benefits for the seafood sector of British Columbia.

(d) Original Renewal Program Ideas

This program is intended to tap the knowledge, experience and abilities of British Columbians in a wide range of fisheries-related activities. These activities would contribute to the corporation's key investment areas and support Fisheries Renewal BC's objectives. Successful proponents provide innovative, practical, cost-effective ideas that benefit fish, communities, companies and people.

The corporation is exempt from federal and provincial income taxes.

2. Significant accounting policies

(a) General

These financial statements have been prepared in accordance with generally accepted accounting principles for not-for-profit organizations.

(b) Investments

British Columbia Investments Management Corporation administers investments. Short term investments are recorded at the lower of cost or market value. Gains on sales of investments are recognized in the year of disposal. Losses are recognized in the year of disposal or when there is a significant and permanent impairment in value.

(c) Accountable advances

Accountable advances represent amounts paid to the project proponent or partner group which have not yet been expended in accordance with the agreement requirements.

(d) Capital assets

Capital assets are recorded at cost and amortized on a straight-line basis over their estimated useful lives. Estimated useful lives are as follows:

Computer equipment	5 years
Furniture & equipment	10 years

Assets costing less than $2,000 are expensed in the year of purchase.

(e) Use of estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts and disclosures of project expenditures and accountable advances at the date of the financial statements. Actual results could differ from these estimates.

(f) Related parties

Fisheries Renewal BC is related through common ownership to all Province of British Columbia ministries, agencies and Crown corporations. Transactions with these entities, considered to be in the normal course of operations, are recorded at the exchange amount. The Ministry of Transportation and Highways processed all expenditures for the entity.

3. Cash and short term investments

	2000		1999	
	Cost	**Market Value**	**Cost**	**Market Value**
	$	$	$	$
Cash	**1,187**	**1,187**	1,927	1,927
Short term investments	**14,818,013**	**14,774,118**	14,435,124	14,485,846
Less outstanding withdrawls	**(2,240,000)**	**(2,240,000)**	–	–
	12,578,013	**12,534,118**	14,435,124	14,485,846
	12,579,200	**12,535,305**	14,437,051	14,487,773

4. Capital assets

	2000			1999
	Cost	**Accumulated Amortization**	**Net Book Value**	Net Book Value
	$	$	$	$
Computer equipment	76,236	31,112	**45,124**	21,166
Furniture & equipment	75,632	16,532	**59,100**	41,219
	151,868	47,644	**104,224**	62,385

5. Allocation of expenses by operating area

	2000				
	Program	**Administration**	**Corporate Governance**	**Total**	1999
	$	$	$	$	$
Program contributions	$11,801,070	–	–	**11,801,070**	6,838,496
Salaries & benefits	395,830	313,354	–	**709,184**	546,257
Professional services	224,507	78,593	15,598	**318,698**	367,405
Board fees & expenses	37,485	266	169,229	**206,980**	251,647
Office expenses	63,470	47,522	64,020	**175,012**	167,112
Building occupancy	-	71,674	–	**71,674**	74,196
Travel	48,760	14,685	–	**63,445**	73,976
Information systems	22,248	20,637	–	**42,885**	50,102
Amortization	-	26,975	–	**26,975**	11,592
	12,593,370	573,706	248,847	**13,415,923**	8,380,783

6. Reserve for Fisheries Renewal BC funded projects

	Salmonid Renewal	**Development and Diversification**	**Planning and Partnership**	**Original Renewal Program Ideas**	**2000**	1999
	$	$	$	$	$	$
Balance, beginning of year	284,017	472,361	171,265	441,839	**1,369,482**	-
Internally imposed restrictions, during the year	7,647,466	2,270,825	218,764	1,143,000	**11,280,055**	4,314,647
Removed from reserves during the year	(284,017)	(66,654)	(19,097)	(4,795)	**(374,563)**	-
Program expenditures, during the year	(5,097,355)	(1,827,951)	(310,661)	(853,267)	**(8,089,234)**	(2,945,165)
Balance, end of year	2,550,111	848,581	60,271	726,777	**4,185,740**	1,369,482

7. Reserve for British Columbia Hydro and Power Authority funded projects

During the year Fisheries Renewal BC received funds from British Columbia Hydro and Power Authority to support community-based salmonid renewal projects.

8. Pension plan

The corporation and its employees contribute to the Public Service Pension Plan in accordance with the *Pension (Public Service) Act*. The plan is a defined benefit plan and is administered by the Superannuation Commission of the Province of British Columbia. The Province has statutory responsibility for any unfunded liability.

The most recent actuarial valuation (March 31, 1999) has determined the plan is in a surplus position. As a result of this valuation the Superannuation Commission has refunded a portion of employer's contributions. Fisheries Renewal BC will receive a reduction of its employers contribution for fiscal 2000/2001.

9. Commitments

(a) Lease obligations

Fisheries Renewal BC has entered into leases for office space and equipment which expire on various dates to 2003. The future minimum lease payments on these operating leases are:

	$
2001	40,592
2002	2,067
2003	1,034
Total minimum lease payments	43,693

(b) Program commitments

At March 31, 2000, Fisheries Renewal BC has contracted program commitments of $2,928,096 (1999: $1,657,881) that carry over to next year.

(c) Contract commitments

At March 31, 2000, Fisheries Renewal BC has contract commitments of $54,712 (1999:$0) that carry over to next year.

10. Future funding

Fisheries Renewal BC has negotiated a funding agreement with the Province of British Columbia for $7.5 million per year for the next three years beginning with the 2000/01 fiscal year. The Corporation continues to negotiate for a permanent source of revenue. In addition, the Corporation is pursuing funding from BC Hydro for project expenditures incurred during the 1999/2000 fiscal year.

11. Contingent Gains

Fisheries Renewal BC has commenced legal action to recover moneys owed from a proponent. This amount has not been recorded in the financial statements.

FOR MORE INFORMATION

Fisheries Renewal BC
Suite 405 - 960 Quayside Drive
New Westminster, BC
V3M 6G2
Phone: (604) 660-0939
Toll free: 1-888- 467-3639
Facsimile: (604) 660-0938
Web site: www.fishrenewal.gov.bc.ca

Staff:

Paul Kariya	Chief Executive Officer
Ingrid Kraus	Administrative Assistant
Ron Faust	Senior Financial Officer & Corporate Secretary
Christine Meier	Office Administrator
Angus Mackay	Partnership Development Manager
Patty Thomas	Program Assistant
Phil Young	Partnership Development Manager
Krista Salman	Program Assistant
Scott Macrae	Director of Communications
Sheila Keenan	Communications Officer
Sharon Hong	Financial Assistant

Prepared for Fisheries Renewal BC by Alan Dolan & Associates
Project management, research, writing: Alan Dolan
Design & graphics: Dennis & Struthers Visual Communications Inc.